INITIAL STUDY/
MITIGATED NEGATIVE DECLARATION
FOR
TENTATIVE TRACT MAP NO. 73354
PACIFIC VILLAS
DRAFT

City of Baldwin Park, Los Angeles County, California

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August 2016

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Section 1.0
Introduction

Following preliminary review of the proposed Tentative Tract Map (TTM) No. 73354 Project, here after called the "project," the City of Baldwin Park (City) has determined that the project is a "project" subject to the guidelines and regulations of the California Environmental Quality Act (CEQA). This Initial Study has been prepared to address potential impacts associated with the project, as described below. This Initial Study addresses the direct, indirect, and cumulative environmental effects, as applicable, that may result with implementation of the proposed project.

1.1 STATUTORY AUTHORITY AND REQUIREMENTS

In accordance with CEQA (Public Resources Code, Section 21000 - 21178.1), this Initial Study has been prepared to analyze the project in order to identify any potential significant environmental impacts that would result from implementation of the project. The purpose of this Initial Study is to inform City of Baldwin Park decision-makers, affected agencies, and the public of potential environmental impacts associated with implementation of the proposed project.

1.2 PURPOSE

The purpose of an Initial Study is to: (1) identify environmental impacts; (2) provide the Lead Agency with information to use as the basis for deciding whether to prepare an EIR or Negative Declaration; (3) enable an applicant or Lead Agency to modify the project, mitigating adverse impacts before an EIR is prepared; (4) facilitate environmental assessment early in the design of the project; (5) provide documentation of the factual basis for the finding in a Negative Declaration or other method, provided that entries on a checklist or other form are briefly explained to indicate that there is some evidence to support the entries; (5) provide a discussion of ways to mitigate significant effects identified, if any; (6) provide an examination of whether the project is compatible with existing zoning, plans, and other applicable land use controls; and, (7) identify the name of the person or persons who prepared or participated in the preparation of the Initial Study.

1.3 CONSULTATION

The Lead Agency (City of Baldwin Park) has determined that an Initial Study is the appropriate environmental document for the project as proposed. As part of preparation of the Initial Study, the Lead Agency begins informal consultations with all Responsible Agencies and Trustee Agencies that administer resources potentially affected by the project. Consultations are conducted to obtain recommendations from those Responsible Agencies prior to initiation of the permit acquisition process. The City would consider any recommendations from these agencies in the formulation of their preliminary environmental findings.

1.4 INCORPORATION BY REFERENCE

Pertinent documents relating to this Initial Study have been cited and incorporated, in accordance with Sections 15148 and 15150 of the State CEQA Guidelines, to eliminate the need for inclusion of voluminous engineering and technical reports within the CEQA document. Of particular relevance are those previously-prepared documents that present relevant information regarding descriptions of environmental settings, future development-related growth, and/or cumulative impacts. This Initial Study has incorporated by reference the following documents, which are available for review at the following location:

- City of Baldwin Park 2020 General Plan Update, Adopted November 2002. Last Amended April 2015.
- City of Baldwin Park 2020 General Plan Update Final Environmental Impact Report (Final EIR), September 2002.

CITY OF BALDWIN PARK
PLANNING DEPARTMENT
14403 E. Pacific Ave.
Baldwin Park, California 91706

Section 2.0
Project Description

2.1 PROJECT LOCATION & SETTING

The Pacific Villas project ("proposed project") site is located at 14827 to 14839 Pacific Avenue within the City of Baldwin Park in Los Angeles County, California; refer to *Figure 1, Regional/Local Vicinity Map*. Pacific Avenue forms the southern project boundary. Big Dalton Avenue lies to the west of the site; Puente Avenue lies to the east of the site.

Overall, the project affects a total of nine parcels. The project proposes development on four of these parcels which include County of Los Angeles Assessor Parcel Numbers (APNs) 8438-015-037, -043 -047, and -059, totaling approximately 3.2 acres. This portion of the project is herein referred to as the "main project site."

The five remaining parcels, which include APNs 8438-015-060, -061, -062, -065 to -103 (condominium units), and -105, are also considered to be part of the proposed project; however, no physical development or disturbance of any kind is proposed on these lands at this time. These lands would only be affected by the proposed Amendment to the General Plan (AGP) and Zone Change (Z) that are proposed with the project to change the existing land use designations and zoning classifications that currently apply to the nine parcels. Refer to *Figure 1, Regional/Local Vicinity Map*, which identifies the main project site and the surrounding parcels that would be affected by the project. *Section 2.4, Project Characteristics*, below, provides additional discussion regarding the proposed AGP and Zone Change (Z).

The 3.2-acre portion of the main project site is presently undeveloped, and therefore, does not support any structures or other improvements. The property has been previously graded and supports limited vegetation (i.e. disturbed/weeds); refer to *Figure 1, Regional/Local Vicinity Map*.

The five remaining parcels also affected by the project all presently support existing development. The parcel immediately to the northwest of the main project site (APN 8438-015-065 through -103) is developed with multi-family residential uses. The parcel immediately to the east/southeast of the main project site (APN 8438-015-105) supports a church. Two of the three parcels further to the east (APNs 8438-015-060 and -061) support single-family and/or multi-family residential uses. The third parcel to the east (APN 8438-015-062) supports an office building; refer to *Figure 1, Regional/Local Vicinity Map*.

A curb, sidewalk, and multiple drive approaches into the property are present along the project frontage on Pacific Avenue. The main project site is generally flat and drains slightly from north to south, with an approximate 3-foot change in overall elevation across the property.

To the northwest, the main project site is bordered by a large-scale multi-family residential complex. To the north/northeast, single-family residential uses are present. To the east/southeast are single-family residential uses, an office building, and a church. Pacific Avenue borders the main project site to the southwest, with single-family and multi-family residential uses present

along the roadway within the vicinity. Several small-scale commercial uses (i.e., gas stations, retail stores) are also present further to the southeast along Pacific Avenue.

2.2 BACKGROUND

The Land Use Element of the *City of Baldwin Park General Plan* indicates that the project site is located within an area identified as a "2020 General Plan Focus Area." The Pacific Avenue Focus Area includes the properties adjacent to the north and south of Pacific Avenue from just west of Big Dalton Avenue to just east of Puente Avenue and includes the project site.

Fourteen Focus Areas have been identified throughout the City and represent locations where long-term change and improvement are desired. These Focus Areas are considered by the City to be "key opportunity areas" for future commercial and industrial development. The General Plan contains policies that address the compatibility issues specific to the Focus Areas. These policies are focused on accommodating new development that complements and is compatible with existing land uses in each area. Further, these policies are aimed at allowing for the gradual elimination of non-conforming land uses in each area, improving the buffering of commercial uses from adjacent residential neighborhoods, and rezoning specific properties within the area to achieve compatibility.

2.3 PROJECT OBJECTIVES

- Process a General Plan Amendment for APNs 8438-015-037, -043, -047, -059, and -065 through -103 to change the existing General Plan land use designation from Garden Multi-Family Residential [8.8-12 dwelling units per acre (du/ac)] to Multi-Family Residential (12.1 to 20.0 du/ac), and for APNs 8438-15-060, -061, -062, and -105 from Mixed-Use to Multi-Family Residential; refer to *Figure 2, Existing/Proposed General Plan Land Use*.
- Process a Change in Zone for the main project site (APNs 8438-015-037, -043, -047, -059, and -65 to -103) to change the existing zoning from Residential Garden (RG)/Planned Development (PD) to High-Density Residential (R-3) to allow for the proposed single-family detached residential uses; refer to *Figure 3, Existing/Proposed Zoning*.
- Process a Change in Zone for APNs 8438-015-060, -061, -062, and -105 to change the existing zoning from Mixed-Use 2 (MU-2) to High-Density Residential (R-3) to achieve consistency with surrounding land uses.
- Process a Change in Zone for APNs 8438-015-065 through -103 (an existing condominium development) to change the existing zoning from Residential Garden (RG) to High-Density Residential (R-3) to achieve consistency with surrounding land uses.
- Process Tentative Tract Map No. 73354 for the main project site (APNs 8438-015-037, -043, -047, and -059) to subdivide the existing lots in order to allow for the proposed condominium project; refer to *Figure 4A, Tentative Tract Map*, and *Figure 4B, Site Plan*.

- Process a Specific Plan to provide design guidelines for future development of the main project site (APNs 8438-015-037, -043, -047, and -059) consistent with the intended vision for the project and with respect for surrounding land uses.
- Develop a residential condominium project consisting of 47 single-family detached residential units in addition to a private linear paseo that would offer opportunities for passive recreation; landscaping; private drives; and associated resident and guest parking.

2.4 PROJECT CHARACTERISTICS

The project proposes development of 47 single-family detached residential dwelling units (condominium units) on four main parcels totaling approximately 3.2 acres. Various housing design alternatives have been developed to provide potential future buyers with a range of options; refer to *Appendix A, Plan/Design Review*.

Villa designs 1A to 1C would offer units of 1,620 square feet (s.f.) with three bedrooms and 2.5 bathrooms, each offering variations of the exterior design. These homes would be two stories in height and would offer a two-car garage.

Villa designs 2A to 2C would offer units of 1,870 s.f. with three bedrooms and three bathrooms, each offering variations of the exterior design. These homes would be three stories in height and would offer a two-car garage on the lower level.

Villa designs 3A to 3C would offer units of 2,150 s.f. with three bedrooms and 3.5 bathrooms, each offering variations of the exterior design. These homes would be three stories in height and would offer a two-car garage on the lower level.

Building materials and color palettes for each of the villa designs would vary. All units would be of stucco siding with clay tile roofing. Varied color themes are proposed for each villa design with regard to wood and stucco trim, garage doors, front doors, and stucco siding to enhance architectural variety and increase visual interest.

Access to/from the project site would be provided from Pacific Avenue. Two 20-foot wide entry/exit drives would be constructed to allow for ingress/egress, and a central courtyard would allow vehicles to turn around if needed; refer to *Figure 6A, Visual Simulation - Pacific Ave*. The courtyard would be enhanced with decorative paving and landscaping to provide visual interest from the roadway.

Interior circulation would be provided via a private paved looped drive constructed to 26 feet in width with a concrete gutter and decorative concrete apron; refer to *Figure 6C, Visual Simulation - Internal Drive*. The looped drive would also serve as a fire lane and would be constructed to City design standards to ensure that requirements for emergency vehicle circulation and access are met. The access drive would be gated (sliding gates) at the two proposed entries into the residential area for purposes of security; refer to *Figure 4A, Tentative Tract Map*, and *Figure 4B, Site Plan*.

Onsite parking requirements would be satisfied through provision of 94 parking spaces at the residential units, consistent with the City's parking requirements for residential uses (City of Baldwin Park Municipal Code, Chapter 153: Zoning Code, *Table 153.150.040, Number of Parking Spaces Required*). An additional 14 onsite guest parking spaces would also be provided to accommodate visitors; refer to *Figure 4A, Tentative Tract Map.*

A linear paseo is proposed through the central portion of the site; refer to *Figure 5A, Conceptual Landscape Plan*, and *Figure 6B, Visual Simulation - Paseo*. The paseo would be private and restricted to use by residents of Pacific Villas. The paseo would provide pedestrian walkways complemented by small gathering areas, benches, landscaping, and other enhancements to encourage use by residents. A series of interior walkways is also proposed to provide linkage between the residential units and the paseo, as well as access to guest parking areas.

A Conceptual Landscape Plan has been prepared for the project, consistent with City landscape design requirements; refer to *Figure 5A, Conceptual Landscape Plan* and *Figure 5B, Conceptual Landscape Design Details*. Landscaping would be installed along the project frontage on Pacific Avenue to enhance the project entryway. Further, landscaping is proposed within the interior of the development along walkways and within guest parking areas to enhance the visual appearance of the neighborhood.

Potable water service for the project would be provided by the Valley County Water District; wastewater treatment service would be provided by the Los Angeles County Sanitation District (District 15). Fire protections service would be provided by the Los Angeles County Fire Department. Police protection services would be provided by the City of Baldwin Park Police Department.

Construction of the project would not be phased and would occur as one event. It is anticipated that construction would be completed and the development occupied by the end of 2017.

In addition, as mentioned above, the project would involve an Amendment to the General Plan and Zone Change to change the existing land use designations and zoning classifications of five additional parcels in the surrounding area; refer to *Table 1-1, Existing/Proposed Zoning and General Plan Land Use*, below, which identifies the existing and proposed land use designations and zoning classifications for all parcels affected by the proposed project. As stated above, no physical development on these five parcels would occur with the project, and conditions on these properties would remain the same as under current conditions. These five parcels are not part of the Pacific Villas Specific Plan prepared for the Pacific Villas project.

Table 1-1
Existing/Proposed Zoning and General Plan Land Use

Assessor Parcel Number	Existing Zoning	Proposed Zoning	Existing General Plan Land Use	Proposed General Plan Land Use
Proposed Development Area				
8438-015-037	Residential Garden (RG)/ Planned Development	High-Density Residential (R-3)	Garden Multi-Family (8.8-12 du/ac)	Multi-Family Residential
8438-015-043	Residential Garden (RG)/ Planned Development	High-Density Residential (R-3)	Garden Multi-Family (8.8-12 du/ac)	Multi-Family Residential
8438-015-047	Residential Garden (RG)/ Planned Development	High-Density Residential (R-3)	Garden Multi-Family (8.8-12 du/ac)	Multi-Family Residential
8438-015-059	Residential Garden (RG)/ Planned Development	High-Density Residential (R-3)	Garden Multi-Family (8.8-12 du/ac)	Multi-Family Residential
Additional Parcels Affected by Proposed Project				
8438-015-065 through -103	Residential Garden (RG)/ Planned Development	High-Density Residential (R-3)	Garden Multi-Family (8.8-12 du/ac)	Multi-Family Residential
8438-015-060	Mixed-Use 2 (MU-2)	High-Density Residential (R-3)	Mixed-Use	Multi-Family Residential
8438-015-061	Mixed-Use 2 (MU-2)	High-Density Residential (R-3)	Mixed-Use	Multi-Family Residential
8438-015-062	Mixed-Use 2 (MU-2)	High-Density Residential (R-3)	Mixed-Use	Multi-Family Residential
8438-015-105	Mixed-Use 2 (MU-2)	High-Density Residential (R-3)	Mixed-Use	Multi-Family Residential

2.5 AGREEMENTS, PERMITS, AND APPROVALS

Table 1-2, Agreements, Permits, and Approvals, identifies the anticipated agreements, permits, and approvals needed to allow for implementation of the project as proposed. The agency responsible for granting the action is also identified.

Table 1-2
Agreements, Permits, and Approvals

Agreements, Permits, and Approvals	Granting Agency
IS/MND Approval	City of Baldwin Park
Specific Plan (SP 16-01)	City of Baldwin Park
Zone Change (Z-555)	City of Baldwin Park
General Plan Amendment (AGP-118)	City of Baldwin Park
Tentative Tract Map No. 73354	City of Baldwin Park
Plan / Design Review	City of Baldwin Park
Covenants, Conditions & Restrictions	City of Baldwin Park
Grading Permit	City of Baldwin Park
Building Permits	City of Baldwin Park
Air Quality Permit	South Coast Air Quality Management District
Stormwater Pollution Prevention Plan	State Water Resources Control Board

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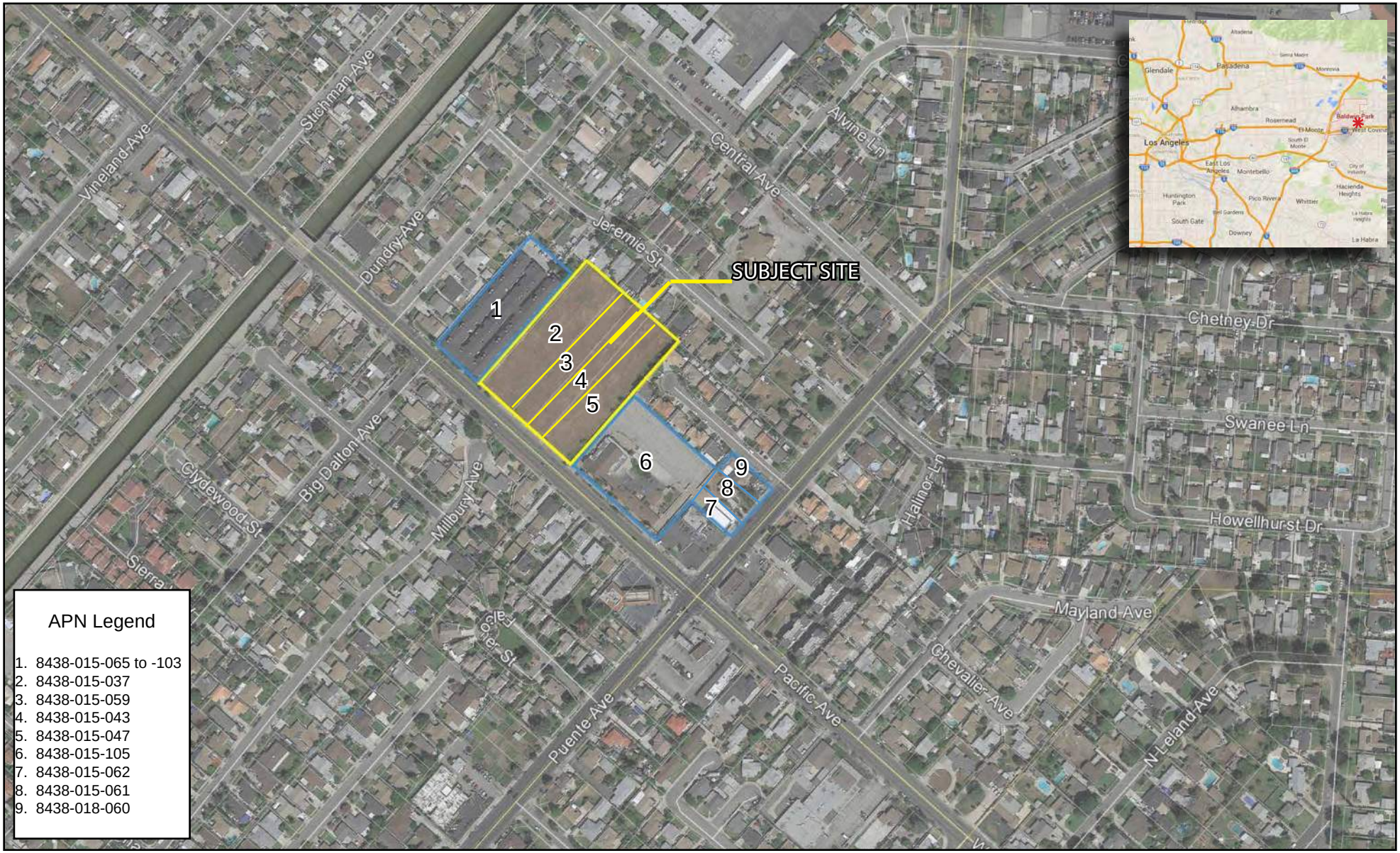

Source: Google Earth

Michael Baker INTERNATIONAL

Not to Scale

Project Site

Parcels to be included as part of proposed Zone Change/General Plan Amendment

03/2016

FIGURE 1

Regional/Local Vicinity Map

PACIFIC VILLAS

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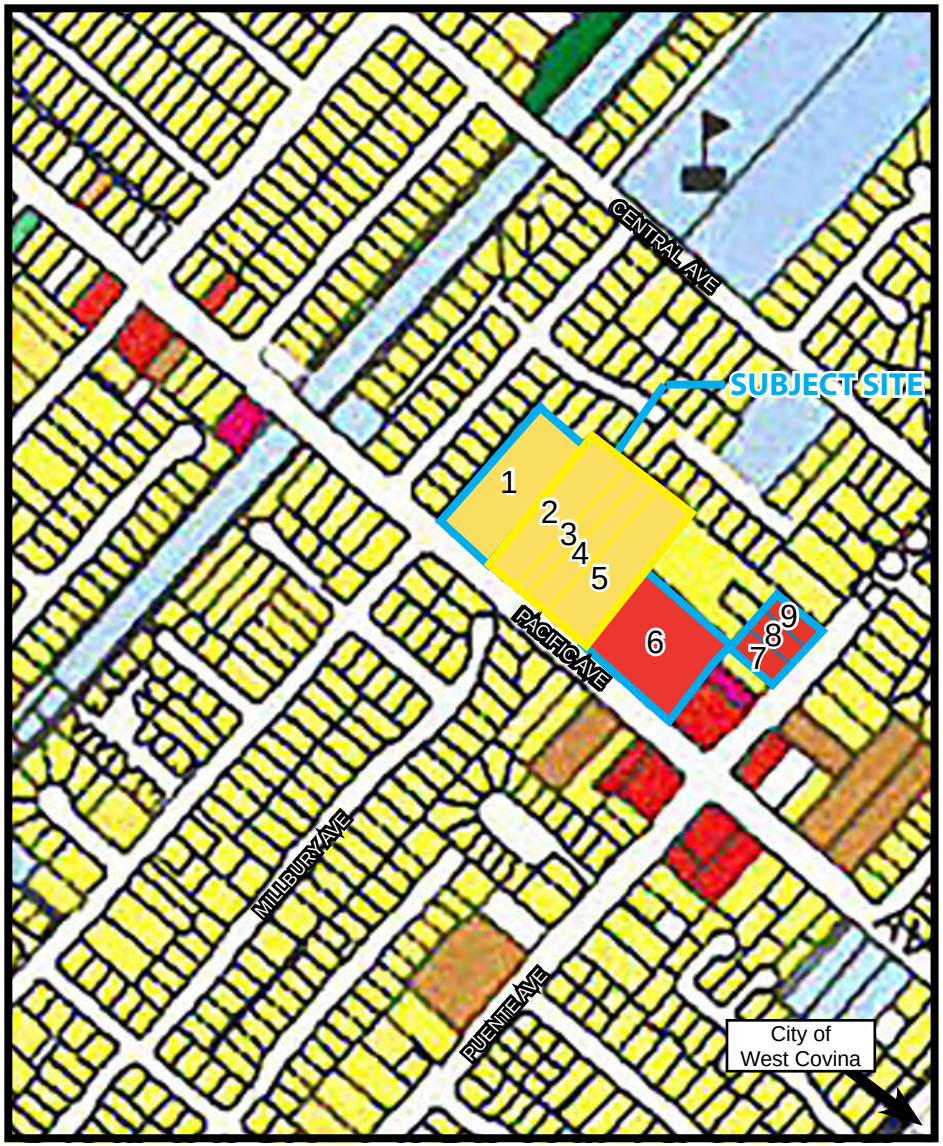

Existing General Plan Land Use

Proposed General Plan Land Use

APNs		
1. 8438-015-065 to -103	5. 8438-015-047	/Mixed-Use
2. 8438-015-037	6. 8438-015-105	
3. 8438-015-059	7. 8438-015-062	
4. 8438-015-043	8. 8438-015-061	
	9. 8438-015-060	

Source: City of Baldwin Park, General Plan 2020 Existing Land Use Map, June 1998.

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Not to Scale
03/2016

Parcels to be included as part of proposed Zone Change/General Plan Amendment

FIGURE 2

Existing/Proposed General Plan Land Use

PACIFIC VILLAS

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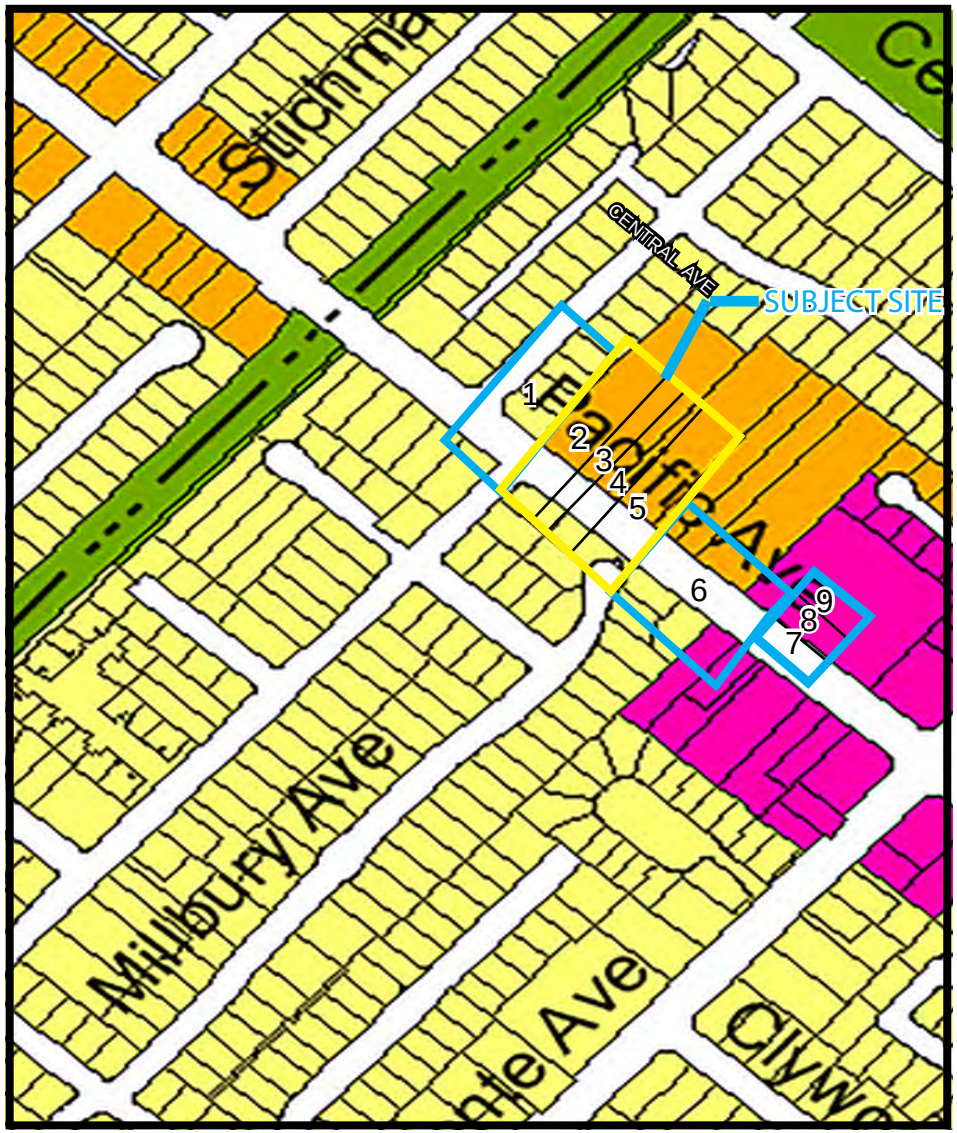
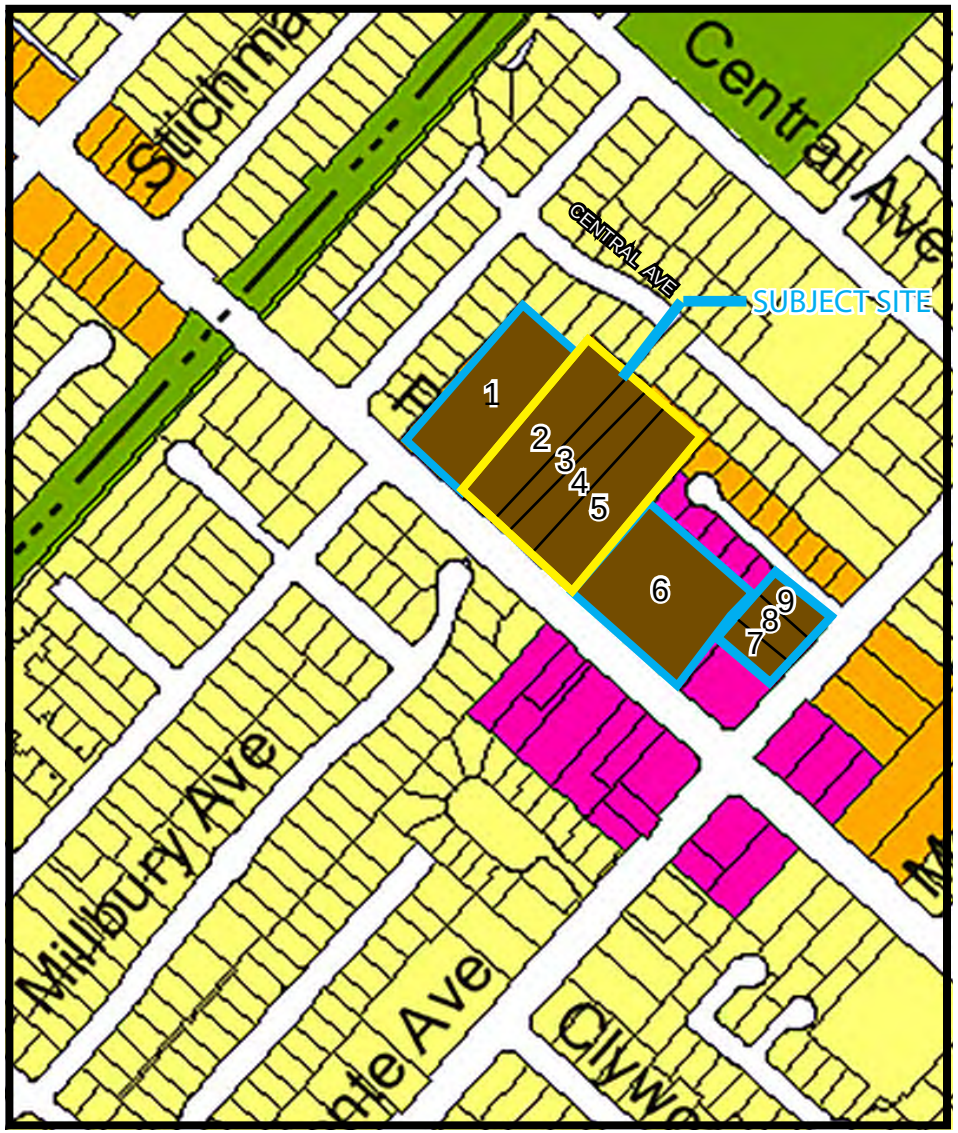


Existing Zoning



Proposed Zoning

APNs	
1. 8438-015-065 to -103	5. 8438-015-047
2. 8438-015-037	6. 8438-015-105
3. 8438-015-059	7. 8438-015-062
4. 8438-015-043	8. 8438-015-061
	9. 8438-015-060

Zoning Designations

- Single-Familiy Residential (R1)
- Residential Garden Planned Development (RG)
- High Density Residential (R3)
- Neighborhood Commercial (C1)
- General Commercial (C2)
- Freeway Commercial (FC)
- Mixed Use 1 (MU-1)
- Mixed Use 2 (MU-2)
- Industrial Commercial (IC)
- Industrial (I)
- Open Space (OS)

Source: City of Baldwin Park, General Plan 2020 Existing Land Use Map, June 1998.

Michael Baker INTERNATIONAL

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Not to Scale

Parcels to be included as part of proposed Zone Change/General Plan Amendment

03/2016

FIGURE 3

Existing/Proposed Zoning

PACIFIC VILLAS

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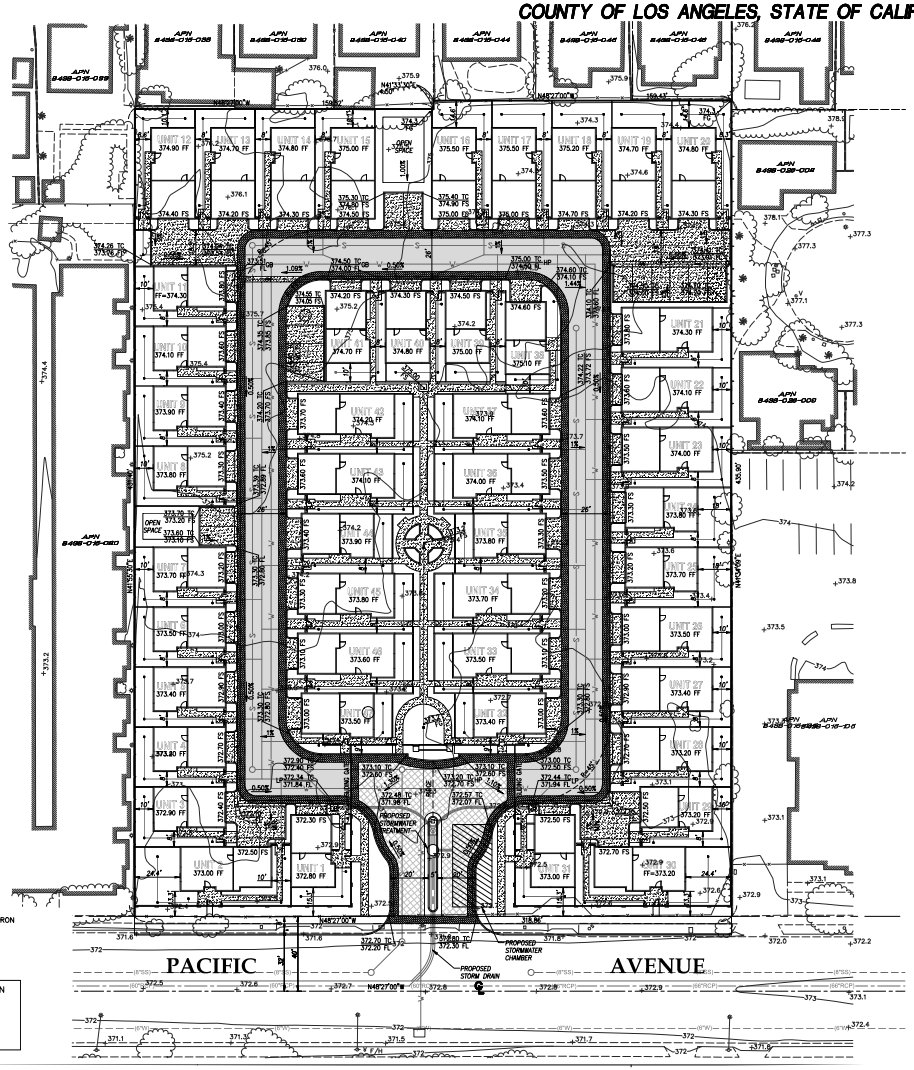
TENTATIVE TRACT NO. 73354

FOR CONDOMINIUM PURPOSES
14827 - 14839 PACIFIC AVENUE
IN THE CITY OF BALDWIN PARK
COUNTY OF LOS ANGELES, STATE OF CALIFORNIA



GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

COMPILED BY ARROWHEAD MAPPING CORPORATION
FROM AERIAL PHOTOGRAPHY DATED :9-30-14
JOB # AMC 14-207
431 MAC KAY DRIVE
SAN BERNARDINO, CA 92408
(909) 889-2420

EASEMENTS:

PER PRELIMINARY REPORT PREPARED BY FIRST AMERICAN TITLE COMPANY (NHSC-4895449) DATED APRIL 13, 2015

THERE ARE NO EASEMENTS AFFECTING THIS PROPERTY.

LEGEND:

APN	– ASSESSOR'S PARCEL NO.
ASPH	– ASPHALT CONCRETE
CONC	– CONCRETE
F/H	– FIRE HYDRANT
FF	– FINISHED FLOOR ELEVATION
FL	– FLOWLINE ELEVATION
FS	– FINISHED SURFACE ELEVATION
HP	– HIGH POINT ELEVATION
M	– METER
M/B	– MAILBOX
MH	– MANHOLE
S	– SIGN
TC	– TOP OF CURB ELEVATION
T/E	– TRASH ENCLOSURE
	– EXISTING POWER POLE
	– EXISTING STREET LIGHT
	– EXISTING RETAINING WALL
	– EXISTING WALL
	– EXISTING FENCE
	– PROPOSED 8" WATER
	– PROPOSED 8" SEWER
	– PROPOSED CONCRETE
	– PROPOSED ASPHALT CONCRETE
	– PROPOSED DECORATIVE CONCRETE APRON
	– PROPOSED DECORATIVE PAVEMENT

LEGAL DESCRIPTION:

PER PRELIMINARY REPORT PREPARED BY FIRST AMERICAN TITLE COMPANY (NHSC-4895449) DATED APRIL 13, 2015

PARCEL 1: (APN: 8438-015-047)

THAT PORTION OF LOT 123, TRACT 962, BOOK 21, PAGES 74 AND 75 OF MAPS, RECORDS OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST EASTERLY CORNER OF SAID LOT 123; THENCE SOUTHWESTERLY ALONG THE SOUTHEASTERLY LINE OF SAID LOT, 881.80 FEET TO THE MOST SOUTHERLY CORNER OF SAID LOT; THENCE NORTHWESTERLY ALONG THE SOUTHWESTERLY LINE OF SAID LOT, 159.46 FEET, MORE OR LESS TO THE MOST SOUTHERLY CORNER OF THE LAND CONVEYED BY D. J. SHULTIS AND EUGENIA F. SHULTIS, HIS WIFE, ISAAC N. SKIDMORE AND BESSIE A. SKIDMORE, HIS WIFE, TO HAROLD F. SAWYER AND JOSEPHINE SAWYER, HIS WIFE, BY DEED DATED NOVEMBER 1, 1924 RECORDED IN BOOK 4240, PAGE 190 OF OFFICIAL RECORDS; THENCE NORTHEASTERLY ALONG THE SOUTHEASTERLY LINE OF THE LAND SO CONVEYED, 881.80 FEET, MORE OR LESS TO THE NORTHEASTERLY LINE OF SAID LOT; THENCE SOUTHEASTERLY ALONG THE NORTHEASTERLY LINE OF SAID LOT 159.52 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

EXCEPT THEREFROM THE NORTHEASTERLY 435.90 FEET.

ALSO EXCEPT FROM THE REMAINDER OF SAID LAND, THE NORTHWESTERLY 51.50 FEET THEREOF.

PARCEL 2: (APN: 8438-015-043)

THE NORTHWESTERLY 51.50 FEET OF THAT PORTION OF LOT 123, TRACT 962, BOOK 21, PAGES 74 AND 75 OF MAPS, RECORDS OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST EASTERLY CORNER OF SAID LOT 123; THENCE SOUTHWESTERLY ALONG THE SOUTHEASTERLY LINE OF SAID LOT, 881.80 FEET TO THE MOST SOUTHERLY CORNER OF SAID LOT; THENCE NORTHWESTERLY ALONG THE SOUTHWESTERLY LINE OF SAID LOT 159.46 FEET, MORE OR LESS, TO THE MOST SOUTHERLY CORNER OF THE LAND CONVEYED BY D. J. SHULTIS AND EUGENIA F. SHULTIS, HIS WIFE, ISAAC N. SKIDMORE AND BESSIE A. SKIDMORE, HIS WIFE, TO HAROLD F. SAWYER AND JOSEPHINE SAWYER, HIS WIFE, BY DEED DATED NOVEMBER 1, 1924 RECORDED IN BOOK 4240, PAGE 190 OF OFFICIAL RECORDS; THENCE NORTHEASTERLY ALONG THE SOUTHEASTERLY LINE OF THE LAND SO CONVEYED, 881.80 FEET, MORE OR LESS, TO THE NORTHEASTERLY LINE OF SAID LOT; THENCE SOUTHEASTERLY ALONG THE NORTHEASTERLY LINE OF SAID LOT, 159.52 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

EXCEPT THEREFROM THE NORTHEASTERLY 435.90 FEET THEREOF.

ALSO EXCEPT THEREFROM THE ,PRECIOUS METALS AND ORES, THEREOF, AS EXCEPTED FROM THE PARTITION BETWEEN JOHN ROWLAND, SR., AND WILLIAM WORKMAN, RECORDED IN BOOK 10, PAGE 39 OF DEEDS.

PARCEL 3: (PORTION OF APN: 8438-015-059)

THAT PORTION OF LOT 123, TRACT 962, BOOK 21, PAGES 74 AND 75 OF MAPS, RECORDS OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTHWESTERLY LINE OF SAID LOT 123 DISTANT SOUTHEASTERLY THEREON 265.87 FEET FROM THE MOST WESTERLY CORNER OF SAID LOT 123; THENCE PARALLEL WITH THE NORTHWESTERLY LINE OF SAID LOT 123; NORTH 41° 56' 15. EAST 220 FEET; THENCE PARALLEL WITH SAID SOUTHWESTERLY LINE, SOUTH 48° 05 EAST 53.17 FEET TO A LINE PARALLEL WITH SAID NORTHWESTERLY LINE WHICH PASSES THROUGH A POINT IN SAID SOUTHWESTERLY LINE, DISTANT SOUTHEASTERLY THEREON 53.17 FEET FROM THE POINT OF BEGINNING; THENCE ALONG SAID LAST MENTIONED PARALLEL LINE, SOUTH 41° 56' 15. WEST 220 FEET TO SAID SOUTHWESTERLY LINE; THENCE ALONG SAID SOUTHWESTERLY LINE, NORTH 48° 05 WEST 53.17 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THE ,PRECIOUS METALS AND ORES THEREOF, AS EXCEPTED FROM THE PARTITION BETWEEN JOHN ROWLAND, SR., AND WILLIAM WORKMAN, IN THE PARTITION DEED RECORDED IN BOOK 10, PAGE 39 OF DEEDS.

PARCEL 4: (PORTION OF APN: 8438-015-059)

THE SOUTHEASTERLY 5.317 FEET MEASURED ALONG THE SOUTHWESTERLY LINE OF THAT PORTION OF LOT 123, TRACT 962, BOOK 21, PAGES 74 AND 75 OF MAPS, RECORDS OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTHWESTERLY LINE OF SAID LOT, DISTANT THEREON 159.52 FEET SOUTHEASTERLY FROM THE MOST WESTERLY CORNER THEREOF; THENCE NORTH 41° 56' 15. EAST PARALLEL WITH THE NORTHWESTERLY LINE OF SAID LOT, 881.80 FEET TO THE NORTHEASTERLY LINE THEREOF; THENCE SOUTH 48° 05 EAST ALONG SAID NORTHEASTERLY LINE, 159.52 FEET TO A POINT IN A LINE WHICH BEARS NORTH 41° 56' 15. EAST AND PARALLEL WITH SAID NORTHWESTERLY LINE FROM A POINT IN THE SOUTHWESTERLY LINE OF SAID LOT THAT IS DISTANT SOUTHEASTERLY THEREON 159.5 FEET FROM THE POINT OF BEGINNING; THENCE SOUTH 41° 56' 15. WEST, PARALLEL WITH SAID NORTHWESTERLY LINE, 881.80 FEET TO SAID POINT IN SAID SOUTHWESTERLY LINE; THENCE NORTH 48° 05. WEST, ALONG SAID SOUTHWESTERLY LINE, 159.52 FEET TO THE POINT OF BEGINNING.

EXCEPT THEREFROM THE SOUTHWESTERLY 220 FEET, MEASURED ALONG THE SOUTHEASTERLY LINE THEREOF.

ALSO EXCEPT THEREFROM THE NORTHEASTERLY 440.40 FEET, MEASURED ALONG THE SOUTHEASTERLY LINE THEREOF.

ALSO EXCEPT THEREFROM THE ,PRECIOUS METALS AND ORES THEREOF, AS EXCEPTED FROM THE PARTITION BETWEEN JOHN ROWLAND, SR., AND WILLIAM WORKMAN, IN THE PARTITION DEED RECORDED IN BOOK 10, PAGE 39 OF DEEDS.

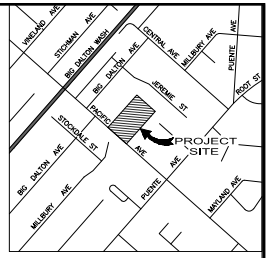
PARCEL 5: (APN: 8438-015-037)

THAT PORTION OF LOT 123, TRACT 962, BOOK 21, PAGES 74 AND 75 OF MAPS, RECORDS OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTHWESTERLY LINE OF SAID LOT, DISTANT THEREON 159.52 FEET SOUTHEASTERLY FROM THE MOST WESTERLY CORNER THEREOF; THENCE NORTH 41° 56' 15. EAST PARALLEL WITH THE NORTHWESTERLY LINE OF SAID LOT 881.80 FEET TO THE NORTHEASTERLY LINE THEREOF; THENCE SOUTH 48° 05 EAST ALONG SAID NORTHEASTERLY LINE, 159.52 FEET TO A POINT IN A LINE SOUTHWESTERLY LINE OF SAID LOT THAT IS DISTANT SOUTHEASTERLY THEREON 159.52 FEET FROM THE POINT OF BEGINNING; THENCE 41° 56' 15. WEST, PARALLEL WITH SAID NORTHWESTERLY LINE, 881.80 FEET TO SAID POINT IN SAID SOUTHWESTERLY LINE; THENCE NORTH 48° 05 WEST, ALONG SAID SOUTHWESTERLY LINE, 159.52 FEET TO THE POINT OF BEGINNING. EXCEPT THEREFROM THE NORTHEASTERLY 440.40 FEET MEASURED ALONG THE SOUTHEASTERLY LINE THEREOF.

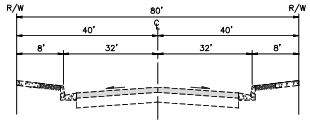
ALSO EXCEPT THE SOUTHEASTERLY 53.17 FEET MEASURED ALONG THE SOUTHWESTERLY LINE THEREOF.

ALSO EXCEPT THEREFROM THE ,PRECIOUS METALS AND ORES THEREOF,, AS EXCEPTED FROM THE PARTITION BETWEEN JOHN ROWLAND, SR. AND WILLIAM WORKMAN, IN THE PARTITION DEED RECORDED IN BOOK 10, PAGE 39 OF DEEDS.

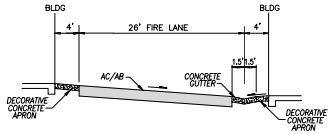


LOCATION MAP
(NO SCALE)

PROJECT DATA	
OWNER/SUBDIVIDER:	CAL 33 PARTNERS, LLC 2863 MARICOPA STREET TORRANCE, CA 90503 (714) 738-0828
ENGINEER:	LAND DEVELOPMENT CONSULTANTS 1520 BROOKHOLLOW DRIVE, SUITE 33 SANTA ANA, CA 92705 (714) 557-7700 (714) 557-7707 FAX
A.P.N: PROJECT ADDRESS: THOMAS GUIDE:	8438-015-037, 043, 047 & 059 14827-14839 PACIFIC AVENUE 598-D6
EXISTING LAND USE:	RESIDENTIAL-VACANT LAND
EXISTING ZONE:	RG (RESIDENTIAL GARDEN)
PROPOSED NUMBER OF TOWNHOMES:	47
PROJECT AREA:	138,288 SQ. FT. = 3.175 ACS.



PACIFIC AVENUE TYPICAL SECTION
(NO SCALE)



INTERIOR DRIVE TYPICAL SECTION
(NO SCALE)

Source: Land Development Consultants, June 2016.

Michael Baker INTERNATIONAL

03/2016

FIGURE 4A

Tentative Tract Map

PACIFIC VILLAS

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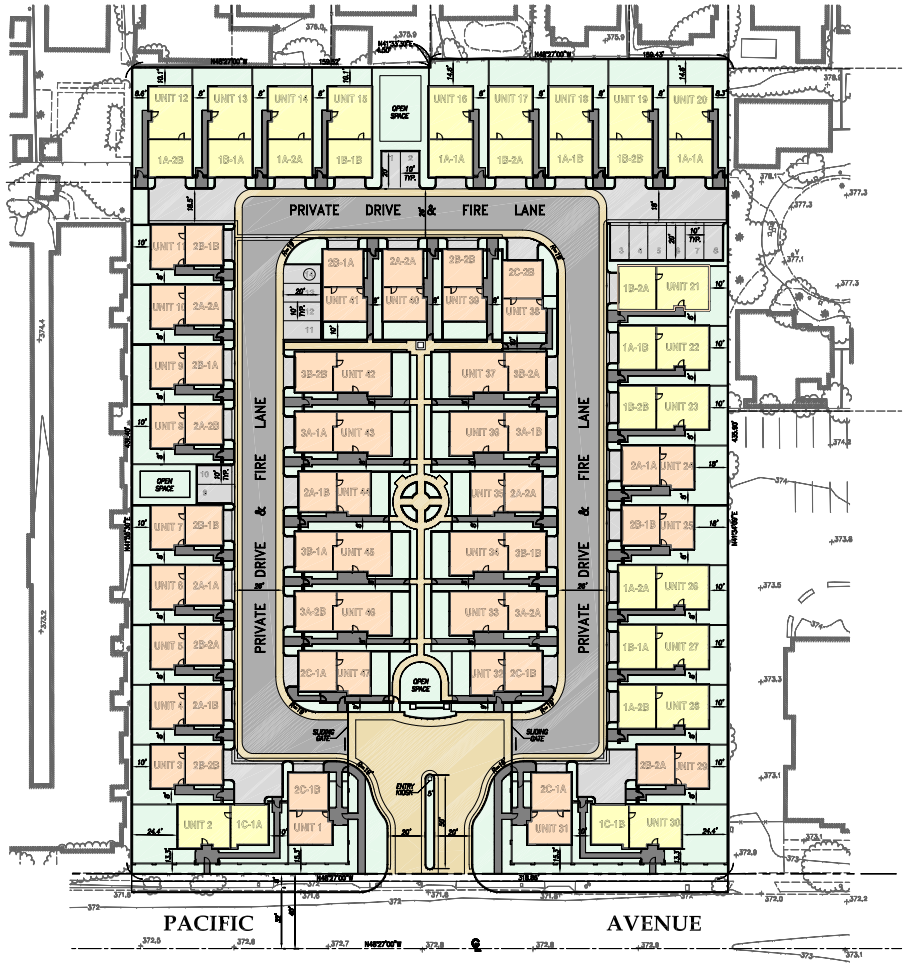
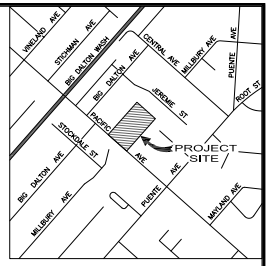
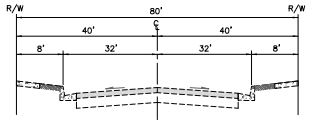
SITE PLAN

TENTATIVE TRACT NO. 73354
FOR CONDOMINIUM PURPOSES
IN THE CITY OF BALDWIN PARK
COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

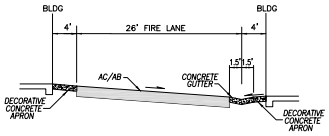




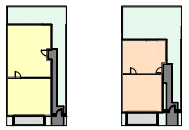
LOCATION MAP
(NO SCALE)



PACIFIC AVENUE TYPICAL SECTION
(NO SCALE)



INTERIOR DRIVE TYPICAL SECTION
(NO SCALE)



2 STORY ELEVATION **3 STORY ELEVATION**

PROJECT SUMMARY	
OWNER/SUBDIVIDER:	CAL 33 PARTNERS, LLC 2863 MARICOPA STREET TORRANCE, CA 90503 (714) 738-0828
ENGINEER:	LAND DEVELOPMENT CONSULTANTS 1520 BROOKHOLLOW DRIVE, SUITE 33 SANTA ANA, CA 92705 (714) 557-7700 (714) 557-7707 FAX
A.P.N: PROJECT ADDRESS: THOMAS GUIDE:	8438-015-037, 043, 047 & 059 14827-14839 PACIFIC AVENUE 598-D6
EXISTING LAND USE:	RESIDENTIAL-VACANT LAND
EXISTING ZONE:	RG (RESIDENTIAL GARDEN)
PROPOSED NUMBER OF TOWNHOMES:	47
PROJECT AREA:	138,288 SQ. FT. = 3.174 AC
LANDSCAPE (PERVIOUS) AREA:	37,231 SQ. FT. = 0.855 AC
RESIDENTIAL PARKING:	94 SPACES
GUEST PARKING:	14 SPACES

LEGEND:

APN – ASSESSOR'S PARCEL NO.
ASPH – ASPHALT CONCRETE
CONC – CONCRETE
F/H – FIRE HYDRANT
FF – FINISHED FLOOR ELEVATION
FL – FLOWLINE ELEVATION
FS – FINISHED SURFACE ELEVATION
HP – HIGH POINT ELEVATION
M – METER
M/B – MAILBOX
MH – MANHOLE
S – SIGN
TC – TOP OF CURB ELEVATION
– EXISTING POWER POLE
– EXISTING STREET LIGHT
– EXISTING RETAINING WALL
– EXISTING WALL
– EXISTING FENCE
– PCC PAVEMENT
– ASPHALT PAVEMENT
– DECORATIVE PAVEMENT
– WALKWAY
– LANDSCAPE

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch = 30 ft.

COMPILED BY ARROWHEAD MAPPING CORPORATION
FROM AERIAL PHOTOGRAPHY DATED : 9-30-14
JOB # AMC 14-207
431 MAC KAY DRIVE
SAN BERNARDINO, CA. 92408
(909) 889-2420

Source: Land Development Consultants, June 2016.

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03/2016

FIGURE 4B
Site Plan
PACIFIC VILLAS

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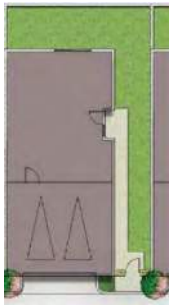
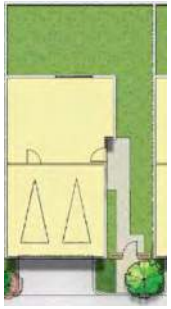
PLANT SCHEDULE

TREES	BOTANTICAL NAME	COMMON NAME	SIZE
	CHITALPA TASHKENTENSIS 'PINK DAWN'	CHITALPA	24" BOX
	CITRUS X SINENSIS 'DWARF VALENCIA'	DWARF VALENCIA ORANGE	15 GAL
	HYMENOSPORUM FLAVUM	SWEETSHADE	24" BOX
	KOELREUTERIA BIPINNATA	CHINESE FLAME TREE	24" BOX
	PARKINSONIA X 'DESERT MUSEUM	DESERT MUSEUM PALO VERDE	24" BOX
	PARKINSONIA X 'DESERT MUSEUM'	DESERT MUSEUM PALO VERDE	48" BOX
	PITTOSPORUM TENUIFOLIUM 'SILVER SHEEN'	TAWHIWHI	15 GAL
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE MULTI-TRUNK	48" BOX MULTI TRUNK
	PYRUS CALLERYANA 'CHANTICLEER	CHANTICLEER PEAR	24"BOX
	RHAPHIOLEPIS INDICA 'MAJESTIC BEAUTY' TM	MAJESTIC BEAUTY INDIAN HAWTHORN	24" BOX
	TECOMA STANS	YELLOW BELLS	24" BOX
	TRISTANIA CONFERTA	BRISBANE BOX	24" BOX

SHRUBS	BOTANTICAL NAME	COMMON NAME	SIZE
	AGAVE ATTENUATA	AGAVE	5 GAL
	DIANELLA REVOLUTA 'VARIEGATED	VARIEGATED FLAX LILY	1GAL
	MUHLENBERGIA CAPILLARIS 'REGAL MIST' TM	MUHLY	1GAL
	PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'	LITTLE BUNNY FOUNTAIN GRASS	1 GAL
	PENNISETUM SETACEUM 'EATON CANYON'	EATON CANYON FOUNTAIN GRASS	1 GAL
	ROMNEYA COULTERI 'WHITE CLOUD'	EATON CANYON FOUNTAIN GRASS	1 GAL
	SALVIA CLEVELANDII 'WINIFRED GILLMAN'	CLEVELAND SAGE	1 GAL
	SALVIA LEUCANTHA 'SANTA BARBARA'	MEXICAN BUSH SAGE	1 GAL



2 STORY ELEVATION



3 STORY ELEVATION

Source: CAL 33 Partners, LLC., BGB Design Group, William Hezmalhalch Architects Inc., 5/8/15

Michael Baker INTERNATIONAL

FIGURE 5A

Conceptual Landscape Plan

PACIFIC VILLAS

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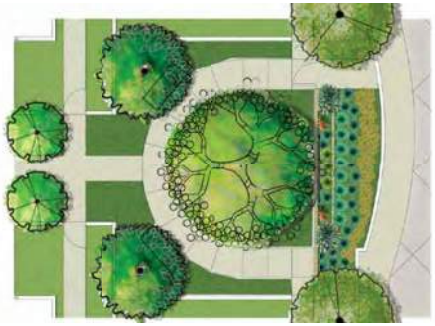
ENLARGEMENT "A" 1/8" = 1'-0"

ENLARGEMENT "B" 1/8" = 1'-0"



ENLARGEMENT "C" 1/8" = 1'-0"

ENLARGEMENT "D" 1/8" = 1'-0"

POTENTIAL TREE IMAGES

POTENTIAL SHRUB IMAGES

Source: CAL 33 Partners, LLC., BGB Design Group, William Hezmalhalch Architects Inc., 5/8/15

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FIGURE 5B

Conceptual Landscape Design Details

PACIFIC VILLAS

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ENTRY COURT AT PACIFIC AVE.

Source: CAL 33 Partners, LLC., William Hezmalhalch Architects, Inc., 10/19/15

Michael Baker INTERNATIONAL

03/2016

FIGURE 6A

Visual Simulation - Pacific Ave

PACIFIC VILLAS

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PASEO

Source: CAL 33 Partners, LLC., William Hezmalhalch Architects, Inc., 10/19/15

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FIGURE 6B

Visual Simulation - Paseo

PACIFIC VILLAS

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INTERNAL DRIVE

Source: CAL 33 Partners, LLC., William Hezmalhalch Architects, Inc., 10/19/15

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FIGURE 6C

Visual Simulation - Internal Drive

PACIFIC VILLAS

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Section 3.0
Initial Study Checklist

3.1 BACKGROUND

Project Title: TTM No. 73354
Lead Agency Name and Address: City of Baldwin Park Planning Department 14403 E. Pacific Ave. Baldwin Park, California 91706
Contact Person and Phone Number: Amy Harbin, City Planner (626) 960-4011 ext. 475
Project Location: Refer to Section 2.1, *Project Location & Setting*, above.
General Plan Designation: Garden Multi-Family (8.8-12 DU/AC) and Mixed-Use (MU)
Zoning Classification: Residential Garden (RG) and Mixed-Use 2 (MU-2)
Description of the Project: (Describe the whole action involved, including but not limited to, later phases of the project, and any secondary, support or off-site features necessary for its implementation.) Refer to Section 2.4, *Project Characteristics*, above.
Surrounding Land Uses and Setting: Refer to Section 2.1, *Project Location & Setting*, above.

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. The analysis found that with implementation of mitigation measures, all of these potentially significant impacts would be reduced to a less than significant level.

☐	Aesthetics	☐	Agriculture Resources	☑	Air Quality
☑	Biological Resources	☐	Cultural Resources	☐	Geology/Soils
☐	Greenhouse Gas Emissions	☐	Hydrology/Water Quality	☐	Land Use/Planning
☐	Mineral Resources	☑	Noise	☐	Population/Housing
☐	Public Services	☐	Recreation	☐	Transportation/Traffic
☐	Utilities/Service Systems	☑	Mandatory Findings of Significance		

3.3 EVALUATION OF ENVIRONMENTAL IMPACTS

This section analyzes the potential environmental impacts associated with the proposed project. The issue areas evaluated in this Initial Study include:

- Aesthetics
- Agriculture Resources
- Air Quality and Global Warming
- Biological Resources
- Cultural Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation/Traffic
- Utilities and Service Systems
- Mandatory Findings of Significance

The environmental analysis in this Section is patterned after the Initial Study Checklist recommended by the City's CEQA Guidelines and used by the City in its environmental review process. For the preliminary environmental assessment undertaken as part of this Initial Study's preparation, a determination that there is a potential for significant effects indicates the need to more fully analyze the project impacts and to identify mitigation.

For the evaluation of potential impacts, the questions in the Initial Study Checklist are stated and an answer is provided according to the analysis undertaken as part of the Initial Study. The

analysis considers the long-term, direct, indirect, and cumulative impacts of the proposed project. To each question, the following are the four possible responses:

- **No Impact.** The project would not have any measurable environmental impact on the environment.
- **Less Than Significant Impact.** The project would have the potential for impacting the environment, although this impact will be below established thresholds that are considered to be significant.
- **Less Than Significant With Mitigation Incorporated.** The project would have the potential to generate impacts which may be considered as a significant effect on the environment, although mitigation measures or changes to the project's physical or operational characteristics can reduce these impacts to levels that are less than significant.
- **Potentially Significant Impact**. The project would have impacts that are considered significant, and additional mitigation measures cannot reduce these impacts to less than significant levels.

Where potential impacts are anticipated to be significant, mitigation measures are required so that impacts may be avoided or reduced to the extent feasible.

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Section 4.0
Environmental Analysis

This section analyzes the potential environmental impacts that may result from the proposed project. For the evaluation of potential impacts, the questions in the Initial Study Checklist (Section 3) are stated and answers are provided according to the analysis undertaken as part of the Initial Study. The analysis considers the project's short-term impacts (construction related), and long-term impacts (operational related).

4.1 AESTHETICS

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
AESTHETICS -- 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) Substantially degrade the existing visual character or quality of the site and its surroundings?	☐	☐	☑	☐
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☑	☐

Would the Project:

a) Have a substantial adverse effect on a scenic vista? ***Determination: No Impact***

A scenic vista is generally defined as a view of undisturbed natural lands exhibiting a unique or unusual feature that comprises an important or dominant portion of the viewshed. Scenic vistas may also be represented by a particular distant view that provides visual relief from less attractive views of nearby features. Other designated federal and State lands, as well as local open space or recreational areas, may also offer scenic vistas if they represent a valued aesthetic view within the surrounding landscape.

The City's *2020 General Plan* does not identify any scenic vistas or other scenic resources in the City of Baldwin Park.

The project would be constructed on land that has been highly disturbed. The project site is generally surrounded by existing urban development that includes residential and commercial uses, and the proposed development would not visually conflict with such uses. Additionally, the proposed project would not result in the removal of open space, recreational areas, or other undeveloped lands of scenic value. In certain locations within the project vicinity, there are occasional distant mountain views. The mountains are sporadically visible, but it would depend on the location of the viewer within the community. Not all of the surrounding community have mountain views because of existing development, mature trees, and climate conditions that hinder views. It is not anticipated that the project would adversely interfere with such existing views.

The project would be subject to the City's discretionary review process which will ensure that potential aesthetic effects of new development are minimized to the extent feasible and that development occurs consistent with that intended by the Pacific Villas Specific Plan. As such, the project would not have a substantial adverse effect on a scenic vista. No impact would occur.

b) *Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?* ***Determination: Less Than Significant Impact***

The California Department of Transportation (Caltrans) implements its California Scenic Highway program, designating those highways of high scenic value as State Scenic Highways. Two such highways are located within the vicinity of the City of Baldwin Park.1 State Route 39 (SR 39) generally runs north-south approximately 2.5 miles to the east/northeast of the project site at its nearest distance. The road traverses a portion of the valley floor, then extends through the Angeles National Forest located to the north of the City. The road is identified by Caltrans as an Eligible State Scenic Highway; however, the roadway is not officially designated as such at this time. Further, the flat topography of the valley floor would obstruct views of the project site from this roadway. Although glimpses of the project site may occur from the road as it ascends/descends the mountains, the topography of the mountains would largely obscure views of the site as one travels along the road. Therefore, it is not anticipated that existing views would be affected with project implementation.

State Route 2 (SR 2) is an officially designated State Scenic Highway. State Route 2 generally runs east-west from its intersection with Intestate 210 and traverses the Angeles National Forest to the north of the City. At its closest point, the road is distanced approximately 13.8 miles to the north of the project site. Due to topography of the mountains, combined with distance from the site, the project would not be visible from this roadway, and therefore, existing views would not be affected.

It should also be noted that the project site is surrounded by developed lands, and no expansive open space or undeveloped/preserve lands occur within proximity to the site. Additionally, the project proposes residential development similar to that on adjacent lands,

1 California Department of Transportation - Scenic Highway Routes (Los Angeles County). http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/index.htm. Accessed March 10, 2016.

and therefore, would visually blend in with existing development, thereby reducing its visibility within the landscape from offsite public viewing locations.

As applicable, the project would be required to comply the City's Tree Preservation Ordinance, and any tree removal or trimming would be required to comply with the City's Tree Preservation Ordinance 1336. Further, project landscaping plans would be reviewed and approved by the City of Baldwin Park to ensure that adequate landscaping is provided for purposes of screening and for visual enhancement.

No rock outcroppings or historic buildings or other scenic resources are present on the main project site or the other five affected parcels. Therefore, no impacts to such resources would occur with project implementation.

As such, the project would not substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway. Impacts would be less than significant.

c) *Substantially degrade the existing visual character or quality of the site and its surroundings?* ***Determination: Less than Significant Impact***

No development is proposed on the five identified parcels that are part of the overall project, and therefore, no change in the existing visual character or quality of these lands would occur.

The project is considered an infill project, as the site is located within a highly-urbanized area of the City. All lands adjacent to the site are presently developed, and no open space or preserve lands are located within the project vicinity.

The proposed residential units will be constructed in accordance with applicable City design regulations and will be subject to City review, prior to approval and construction. Development standards for the project site are established in the Pacific Villas Specific Plan and have been incorporated into the design of the project to ensure that the development is compatible with the character of the surrounding neighborhood with regard to building height, size, materials, architectural design, and other characteristics. All future development resulting with the project would be subject to the City's discretionary review process to ensure that the project remains in compliance with the overall design intended by the Specific Plan. With such measures, the project would not substantially degrade the existing visual character or quality of the site or its surrounding. Project impacts would be less than significant.

d) *Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?* ***Determination: Less than Significant Impact***

The proposed project would provide new lighting sources on the main project site as a result of exterior lighting to ensure public safety, safe vehicular and pedestrian circulation, and for security purposes. Headlights from project-generated vehicles traveling along onsite or area roadways would also generate a new source of light. Windows on the residential units may also allow for light trespass and/or glare effects during various daytime conditions, or add lighting during nighttime conditions. The lighting or glare intensity caused by the proposed development would be similar to that which occurs in the project area, as produced by the existing residential and commercial structures near the site. Furthermore, future project

development would be required to comply with the City's Municipal Code regulations regarding exterior lighting, security lighting, and shielded lighting, which would minimize lighting/glare impacts. Additionally, the development would be required to comply with all lighting design requirements as identified in the Pacific Villas Specific Plan to ensure that lighting and architectural fenestration is consistent with that intended for the site. With such measures, implementation of the proposed project would not create a new source of substantial light or glare and would therefore result in a less than significant impact.

4.2 AGRICULTURE RESOURCES

AGRICULTURE 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 Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:	**Potentially Significant Impact**	**Less Than Significant with Mitigation Incorporation**	**Less Than Significant Impact**	**No Impact**
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☑
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☑
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☑
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☑

AGRICULTURE 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 Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:	**Potentially Significant Impact**	**Less Than Significant with Mitigation Incorporation**	**Less Than Significant Impact**	**No Impact**
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?	☐	☐	☐	☑

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 Dept. 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 effect, lead agencies may refer to information complied 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, the forest carbon measurement methodology provided in the Forest Protocols adopted by the California Air Resources Board.

Would the Project:

a) *Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?* ***Determination: No Impact***

The California Department of Conservation Farmland Mapping and Monitoring Program (FMRP), established in 1982, produces maps and statistical data used for analyzing impacts to California's agricultural resources. Agricultural land is rated according to soil quality and irrigation status, with the best quality land called Prime Farmland. Maps are updated every two years, with current land use information gathered from aerial photographs, a computer mapping system, public review, and field reconnaissance. The minimum mapping unit is 10 acres. Prime Farmlands, Farmlands of Statewide Importance, and Unique Farmlands are referenced in the *CEQA Guidelines*, Appendix G, as resources to consider in an evaluation of agricultural impacts.

The City of Baldwin Park does not contain any land designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance per maps prepared by the California

Department of Conservation, Division of Land Resource Protection.[2] According to the City of Baldwin Park *2020 General Plan*, the main project site and the other affected parcels have a land use designation of Garden Multi-Family and Mixed-Use, and are therefore, are not intended for agricultural use. Additionally, the affected parcels are zoned RG and MU-2 and are therefore not zoned for or intended for agricultural use.

Therefore, the proposed project would have no impact related to the conversion of agricultural land zoned by the City of Baldwin Park or designated by the Farmland Mapping and Monitoring Program to non-agricultural uses. No impact would occur.

b) *Conflict with existing zoning for agricultural use, or a Williamson Act contract?* ***Determination: No Impact***

The four parcels comprising the main project site have an existing General Plan land use designation of Garden Multi-Family Residential (8.8-12 du/ac) and are zoned Residential Garden (RG)/Planned Development; the five additional parcels have a land use designation of Garden Multi-Family Residential (8.8-12 du/ac) and Mixed-Use and are zoned Residential Garden (RG)/Planned Development (PD) and Mixed-Use 2 (MU-2). Therefore, such lands are not designated as or intended for agricultural use purposes.

As such, the site is not zoned to accommodate agricultural uses, and the development of the proposed project would not conflict with any agricultural zoning. The Williamson Act requires a minimum of 100 acres for the establishment of an agricultural preserve. The main project site, which consists of 3.2 acres, is far below the minimum requirements, as defined within the Act. Due to the small size and disturbed nature of the project site, as well as existing (and proposed) zoning, no impacts with regard to agricultural zoning or conflict with a Williamson Act contract would occur.

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))?* ***Determination: No Impact***

The City of Baldwin Park has no designated forest land or timberland within its boundaries. The project site and associated parcels are not zoned for Timberland Production, nor are the affected parcels located within proximity to any lands zoned as forest land. The land area affected by the proposed project is located within an urbanized area of the City and does not support forest land or timberland resources or operations. Therefore, no impact will occur from project implementation with regard to conflict with existing zoning for, or cause rezoning of, forest land or timberland.

d) *Result in the loss of forest land or conversion of forest land to non-forest use?* ***Determination: No Impact***

Refer to Response 2c), above. The proposed project area does not include any lands designated as forest land and proposes a rezone of the current Residential Garden (RG) and

2 California Department of Conservation. Farmland Mapping and Monitoring Program. Los Angeles County Important Farmland 2012. http://www.conservation.ca.gov/dlrp/fmmp/Pages/LosAngeles.aspx. Accessed March 8, 2016.

Mixed-Use (MU-2) zoned parcels to High-Density Residential (R-3). Therefore, the project would have no impact with regard to the potential loss 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?* ***Determination: No Impact***

Refer to the responses above. The proposed Project would not result in the conversion of Farmland to any non-agricultural use. No impact would occur as a result of the proposed project.

4.3 AIR QUALITY

AIR QUALITY -- Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☑	☐
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	☐	☑	☐	☐
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	☐	☐	☑	☐
d) Expose sensitive receptors to substantial pollutant concentrations?	☐	☑	☐	☐
e) Create objectionable odors affecting a substantial number of people?	☐	☐	☑	☐

Would the Project:

a) *Conflict with or obstruct implementation of the applicable air quality plan?* ***Determination: Less Than Significant Impact***

The proposed project is located within the South Coast Air Basin (Basin), which is governed by the SCAQMD. On December 7, 2012, the SCAQMD Governing Board approved the *2012 Air Quality Management Plan* (2012 AQMP), which outlines its strategies for meeting the National Ambient Air Quality Standards (NAAQS) for fine particulate matter ($PM_{2.5}$) and ozone (O_3). According to the SCAQMD's 2012 AQMP, two main criteria must be addressed.

CRITERION 1:

With respect to the first criterion, SCAQMD methodologies require that an air quality analysis for a project include forecasts of project emissions in relation to contributing to air quality violations and delay of attainment.

a) *Would the project result in an increase in the frequency or severity of existing air quality violations?*

Since the consistency criteria identified under the first criterion pertain to pollutant concentrations, rather than to total regional emissions, an analysis of a project's pollutant emissions relative to localized pollutant concentrations is used as the basis for evaluating project consistency. As discussed in Impact Statement 4.3(d), below, localized concentrations of carbon monoxide (CO), nitrogen oxides (NO_X), and fugitive dust (PM_{10} and $PM_{2.5}$) would be less than significant during project operations. Therefore, the proposed project would not result in an increase in the frequency or severity of existing air quality violations. Because reactive organic gases (ROGs) are not a criteria pollutant, there is no ambient standard or localized threshold for ROGs. Due to the role ROG plays in ozone formation, it is classified as a precursor pollutant and only a regional emissions threshold has been established.

b) *Would the project cause or contribute to new air quality violations?*

As discussed in Impact Statement 4.3(b), operations of the proposed project would result in emissions that would be below the SCAQMD operational thresholds. Therefore, the proposed project would not have the potential to cause or affect a violation of the ambient air quality standards.

c) *Would the project delay timely attainment of air quality standards or the interim emissions reductions specified in the AQMP?*

The proposed project would result in less than significant impacts with regard to localized concentrations during project operations. As such, the proposed project would not delay the timely attainment of air quality standards or 2012 AQMP emissions reductions.

CRITERION 2:

With respect to the second criterion for determining consistency with SCAQMD and Southern California Association of Government's (SCAG) air quality policies, it is important to recognize that air quality planning within the Basin focuses on attainment of ambient air quality standards at the earliest feasible date. Projections for achieving air quality goals are based on assumptions regarding population, housing, and growth trends. Thus, the SCAQMD's second criterion for determining project consistency focuses on whether or not the proposed project exceeds the assumptions utilized in preparing the forecasts presented in the 2012 AQMP. Determining whether or not a project exceeds the assumptions reflected in the 2012 AQMP involves the evaluation of the three criteria outlined below. The following discussion provides an analysis of each of these criteria.

a) *Would the project be consistent with the population, housing, and employment growth projections utilized in the preparation of the AQMP?*

In the case of the 2012 AQMP, three sources of data form the basis for the projections of air pollutant emissions: the City's General Plan, SCAG's Growth Management Chapter of the *Regional Comprehensive Plan* (RCP), and SCAG's *2012-2035 Regional Transportation Plan/Sustainable Communities Strategy* (RTP/SCS). The RTP/SCS also provides socioeconomic forecast projections of regional population growth. The project site is designated as Garden Multi-Family Residential, which allows for a maximum of 12 units per acre. The proposed project requires a General Plan Amendment to change the existing land use designation for the project site from Garden Multi-Family Residential and Mixed-Use to Multi-Family Residential, and a zone change from Residential Garden (RG)/Planned Development to High-Density Residential (R-3, 12.1 to 20 units per acre). In addition, the project would require a zone change from Mixed-Use 2 (MU-2) to R-3, and RG to R-3 at adjoining off-site properties. It should be noted that these parcels do not anticipate any change from existing conditions or uses.

As of January 2016, the average number of persons per household in the City of Baldwin Park is 4.46 persons per household.[3] Based on an estimate of 4.46 persons per unit, the 47 net dwelling units proposed by the project could generate an increase in the City's population of approximately 210 persons. The potential population growth associated with the project would represent approximately 0.28 percent of the City's current population of 74,738 persons.[4] SCAG's growth forecasts estimate the City's population to reach 82,200 persons by 2035, representing an increase of 7,462 persons between 2015 and 2035.[5] The project's total population generation (210 persons) represents approximately 0.25 percent of the 2035 population anticipated for the City.

3 California Department of Finance, Table 2: E-5 Population and Housing Estimates for Cities, Counties, and the State, 2011-2016, with 2010 Census Benchmark (updated January 1, 2016). http://www.dof.ca.gov/Forecasting/Demographics/Estimates/E-5/. Accessed July 19, 2016.
4 Ibid.
5 Southern California Association of Governments, *2012 Adopted Growth Forecast*, http://www.scag.ca.gov/forecast/, accessed March 8, 2016.

Thus, although the proposed project would increase the density and persons (210) at the project site, the proposed project would not result in growth significantly exceeding existing local conditions (only a 0.28 percent increase) and/or regional population projections (only 0.28 percent of the total projected population of the City). Therefore, the proposed project would be considered consistent with the overall type, intensity, and pattern of land use envisioned for the site vicinity in the RCP.

b) *Would the project implement all feasible air quality mitigation measures?*

Compliance with all feasible emission reduction measures identified by the SCAQMD would be required as identified in Impact Statements 4.3(b). As such, the proposed project would meet this 2012 AQMP consistency criterion.

c) *Would the project be consistent with the land use planning strategies set forth in the AQMP?*

The proposed project would serve to implement various City and SCAG policies. The proposed project is located within a developed portion of the City, and is considered to be an infill development in the vicinity of a mix of residential uses.

In conclusion, the determination of 2012 AQMP consistency is primarily concerned with the long-term influence of a project on air quality in the Basin. The proposed project would not result in a long-term impact on the region's ability to meet State and federal air quality standards. Also, the proposed project would be consistent with the goals and policies of the AQMP for control of fugitive dust. As discussed above, the proposed project would also be consistent with SCAQMD and SCAG's goals and policies and is considered consistent with the 2012 AQMP. Impacts would be less than significant.

b) *Violate any air quality standard or contribute substantially to an existing or projected air quality violation?* ***Determination: Less Than Significant Impact With Mitigation Incorporated***

SHORT-TERM CONSTRUCTION EMISSIONS

The project involves construction activities associated with grading, paving, construction, and architectural coating applications. The project would be constructed over approximately two years, beginning in September 2016. Approximately 2,400 cubic yards of balanced cut and fill would be moved throughout the project site during grading activities. Exhaust emission factors for typical diesel-powered heavy equipment are based on the California Emissions Estimator Model (CalEEMod) program defaults. Variables factored into estimating the total construction emissions include the level of activity, length of construction period, number of pieces and types of equipment in use, site characteristics, weather conditions, number of construction personnel, and the amount of materials to be transported on- or off-site. The analysis of daily construction emissions has been prepared utilizing CalEEMod. Refer to *Appendix B, Air Quality/Greenhouse Gas Data*, for the CalEEMod outputs and results. *Table 4.3-1, Construction Related Emissions*, presents the anticipated daily short-term construction emissions.

Table 4.3-1
Construction Related Emissions

Emissions Source	Pollutant (pounds/day)[1]					
	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
2016						
Unmitigated Emissions	3.99	42.50	30.20	0.04	8.86	5.52
Mitigated Emissions[2,3]	3.99	42.50	30.20	0.04	4.96	3.42
SCAQMD Thresholds	*75*	*100*	*550*	*150*	*150*	*55*
Is Threshold Exceeded After Mitigation?	***No***	***No***	***No***	***No***	***No***	***No***
2017						
Unmitigated Emissions	2.60	26.05	17.97	0.03	1.69	1.41
Mitigated Emissions[2,3]	2.60	26.05	17.97	0.03	1.69	1.41
SCAQMD Thresholds	*75*	*100*	*550*	*150*	*150*	*55*
Is Threshold Exceeded After Mitigation?	***No***	***No***	***No***	***No***	***No***	***No***
2018						
Unmitigated Emissions	10.19	22.14	17.48	0.03	1.46	1.20
Mitigated Emissions[2,3]	10.19	22.14	17.48	0.03	1.46	1.20
SCAQMD Thresholds	*75*	*100*	*550*	*150*	*150*	*55*
Is Threshold Exceeded After Mitigation?	***No***	***No***	***No***	***No***	***No***	***No***

Notes:
1. Emissions were calculated using CalEEMod, as recommended by the SCAQMD.
2. The reduction/credits for construction emission mitigations are based on mitigation included in CalEEMod and as typically required by the SCAQMD through Rule 403. The mitigation includes the following: properly maintain mobile and other construction equipment; replace ground cover in disturbed areas quickly; water exposed surfaces three times daily; cover stock piles with tarps; water all haul roads twice daily; and limit speeds on unpaved roads to 15 miles per hour.
3. Refer to *Appendix B*, *Air Quality/Greenhouse Gas Data*, for assumptions used in this analysis.

Fugitive Dust Emissions

Construction activities are a source of fugitive dust emissions that may have a substantial, temporary impact on local air quality. In addition, fugitive dust may be a nuisance to those living and working in the project area. Fugitive dust emissions are associated with land clearing, ground excavation, cut-and-fill, and truck travel on unpaved roadways (including demolition as well as construction activities). Fugitive dust emissions vary substantially from day to day, depending on the level of activity, specific operations, and weather conditions. Fugitive dust from grading, excavation and construction is expected to be short-term and would cease upon project completion. Additionally, most of this material is inert silicates, rather than the complex organic particulates released from combustion sources, which are more harmful to health.

Dust (larger than 10 microns) generated by such activities usually becomes more of a local nuisance than a serious health problem. Of particular health concern is the amount of PM_{10} (particulate matter smaller than 10 microns) generated as a part of fugitive dust emissions. PM_{10} poses a serious health hazard alone or in combination with other pollutants. Fine Particulate Matter ($PM_{2.5}$) is mostly produced by mechanical processes. These include

automobile tire wear, industrial processes such as cutting and grinding, and re-suspension of particles from the ground or road surfaces by wind and human activities such as construction or agriculture. $PM_{2.5}$ is mostly derived from combustion sources, such as automobiles, trucks, and other vehicle exhaust, as well as from stationary sources. These particles are either directly emitted or are formed in the atmosphere from the combustion of gases such as NO_X and sulfur oxides (SO_X) combining with ammonia. $PM_{2.5}$ components from material in the earth's crust, such as dust, are also present, with the amount varying in different locations.

Mitigation Measure AQ-1 would implement dust control techniques (i.e., daily watering), limitations on construction hours, and adherence to SCAQMD Rules 402 and 403 (which require watering of inactive and perimeter areas, track out requirements, etc.), to reduce PM_{10} and $PM_{2.5}$ concentrations. It should be noted that these reductions were applied in CalEEMod. The recommended mitigation measures would be required to ensure compliance with SCAQMD Rules and Regulations, which would be verified and enforced through the City's development review process. As depicted in *Table 4.3-1*, total PM_{10} and $PM_{2.5}$ emissions would not exceed the SCAQMD thresholds during construction. Thus, construction air quality impacts would be less than significant.

Construction Equipment and Worker Vehicle Exhaust

Exhaust emissions from construction activities include emissions associated with the transport of machinery and supplies to and from the project site, emissions produced onsite as the equipment is used, and emissions from trucks transporting materials to/from the site. As presented in *Table 4.3-1*, construction equipment and worker vehicle exhaust emissions would be below the established SCAQMD thresholds. Therefore, air quality impacts from equipment and vehicle exhaust emission would be less than significant.

ROG Emissions

In addition to gaseous and particulate emissions, the application of asphalt and surface coatings creates ROG emissions, which are O_3 precursors. As required, all architectural coatings for the proposed project structures would comply with SCAQMD Regulation XI, Rule 1113 – Architectural Coating[6]. Rule 1113 provides specifications on painting practices as well as regulates the ROG content of paint. ROG emissions associated with the proposed project would be less than significant; refer to *Table 4.3-1*.

Asbestos

Asbestos is a term used for several types of naturally occurring fibrous minerals that are a human health hazard when airborne. The most common type of asbestos is chrysotile, but other types such as tremolite and actinolite are also found in California. Asbestos is classified as a known human carcinogen by state, federal, and international agencies and was identified as a toxic air contaminant by the California Air Resources Board (CARB) in 1986.

6 South Coast Air Quality Management District, http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1113.pdf.

Asbestos can be released from serpentinite and ultramafic rocks when the rock is broken or crushed. At the point of release, the asbestos fibers may become airborne, causing air quality and human health hazards. These rocks have been commonly used for unpaved gravel roads, landscaping, fill projects, and other improvement projects in some localities. Asbestos may be released to the atmosphere due to vehicular traffic on unpaved roads, during grading for development projects, and at quarry operations. All of these activities may have the effect of releasing potentially harmful asbestos into the air. Natural weathering and erosion processes can act on asbestos bearing rock and make it easier for asbestos fibers to become airborne if such rock is disturbed. According to the Department of Conservation Division of Mines and Geology, *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos Report* (August 2000), serpentinite and ultramafic rocks are not known to occur within the project area. Thus, there would be no impact in this regard.

Total Daily Construction Emissions

In accordance with the SCAQMD Guidelines, CalEEMod was utilized to model construction emissions for ROG, NO_X, CO, SO_X, PM_{10}, and $PM_{2.5}$. CalEEMod allows the user to input mitigation measures such as watering the construction area to limit fugitive dust. Mitigation measures that were input into CalEEMod allow for certain reduction credits and result in a decrease of pollutant emissions. Reduction credits are based upon studies developed by CARB, SCAQMD, and other air quality management districts throughout California, and were programmed within CalEEMod. *Table 4.3-1* also provides the reduction associated with recommended mitigation measures calculated by CalEEMod.

As indicated in *Table 4.3-1*, impacts would be less than significant for all criteria pollutants during construction. Implementation of standard SCAQMD measures (required by Mitigation Measure AQ-1) would further reduce these emissions. Thus, construction related air emissions would be less than significant.

LONG-TERM EMISSIONS

Mobile Source Emissions

Mobile sources are emissions from motor vehicles, including tailpipe and evaporative emissions. Depending upon the pollutant being discussed, the potential air quality impact may be of either regional or local concern. For example, ROG, NO_X, SO_X, PM_{10}, and $PM_{2.5}$ are all pollutants of regional concern (NO_X and ROG react with sunlight to form O_3 [photochemical smog], and wind currents readily transport SO_X, PM_{10}, and $PM_{2.5}$). However, CO tends to be a localized pollutant, dispersing rapidly at the source.

According to the *Traffic Impact Analysis* prepared by TJW Engineering, Inc. (dated May 7, 2015), the proposed project would generate approximately 447 daily trips. *Table 4.3-2, Long-Term Operational Air Emissions*, presents the anticipated mobile source emissions. As shown in *Table 4.3-2*, unmitigated emissions generated by vehicle traffic associated with the proposed project would not exceed established SCAQMD thresholds. Impacts from mobile source air emissions would be less than significant.

Area Source Emissions

Area source emissions would be generated from consumer products, architectural coating, hearths, and landscaping. As shown in *Table 4.3-2*, area source emissions from the proposed project would not exceed SCAQMD thresholds for ROG, NO_X, CO, SO_X, PM_{10}, or $PM_{2.5}$.

Table 4.3-2
Long-Term Operational Air Emissions

Emissions Source	Pollutant (pounds/day)[1, 2]					
	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Mobile Emissions	1.80	5.34	20.43	0.05	3.51	1.00
Area Source Emissions	14.29	0.36	27.54	0.04	3.61	3.61
Energy Emissions	0.04	0.35	0.15	0.00	0.03	0.03
Total Emissions	***17.77***	***7.27***	***54.95***	***0.10***	***7.77***	***5.03***
SCAQMD Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Is Threshold Exceeded? (Significant Impact?)	***No***	***No***	***No***	***No***	***No***	***No***

Notes:
1. Based on CalEEMod modeling results, worst-case seasonal emissions for area and mobile emissions have been modeled.
2. Refer to *Appendix B, Air Quality/Greenhouse Gas Data*, for assumptions used in this analysis.

Energy Source Emissions

Energy source emissions would be generated as a result of electricity and natural gas (non-hearth) usage associated with the proposed project. The primary use of electricity and natural gas by the project would be for space heating and cooling, water heating, ventilation, lighting, appliances, and electronics. As shown in *Table 4.3-2*, energy source emissions from the proposed project would not exceed SCAQMD thresholds for ROG, NO_X, CO, SO_X, PM_{10}, or $PM_{2.5}$.

Total Operational Emissions

As indicated in *Table 4.3-2*, unmitigated operational emissions from the proposed project would not exceed SCAQMD thresholds. Thus, operational air quality impacts would be less than significant.

MITIGATION MEASURES:

AQ-1 Prior to issuance of any Grading Permit, the City Engineer shall confirm that the Grading Plan and specifications stipulate that, in compliance with SCAQMD Rule 403, excessive fugitive dust emissions shall be controlled by regular watering or other dust prevention measures, as specified in the SCAQMD's Rules and Regulations. In addition, SCAQMD Rule 402 requires implementation of dust suppression techniques to prevent fugitive dust from creating a nuisance off-site. Implementation of the following measures would reduce short-term fugitive dust impacts on nearby sensitive receptors:

- All active portions of the construction site shall be watered during daily construction activities and when dust is observed migrating from the

project site to prevent excessive amounts of dust. The applicant shall submit a watering plan to control fugitive dust;

- Pave or apply water every three hours during daily construction activities or apply non-toxic soil stabilizers on all unpaved access roads, parking areas, and staging areas. More frequent watering shall occur if dust is observed migrating from the site during site disturbance;
- Any on-site stockpiles of debris, dirt, or other dusty material shall be enclosed, covered, or watered twice daily, or non-toxic soil binders shall be applied;
- All grading and excavation operations shall be suspended when wind speeds exceed 25 miles per hour;
- Disturbed areas shall be replaced with ground cover or paved immediately after construction is completed in the affected area;
- Track-out devices such as gravel bed track-out aprons (3 inches deep, 25 feet long, 12 feet wide per lane and edged by rock berm or row of stakes) shall be installed to reduce mud/dirt trackout from unpaved truck exit routes. Alternatively, a wheel washer shall be used at truck exit routes;
- On-site vehicle speed shall be limited to 15 miles per hour;
- All material transported off-site shall be either sufficiently watered or securely covered to prevent excessive amounts of dust prior to departing the job site; and
- Trucks associated with soil-hauling activities shall avoid residential streets and utilize City-designated truck routes to the extent feasible.

c) *Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?* ***Determination: Less Than Significant Impact***

With respect to the proposed project's construction-related air quality emissions and cumulative Basin-wide conditions, the SCAQMD has developed strategies to reduce criteria pollutant emissions outlined in the 2012 AQMP pursuant to Federal Clean Air Act (FCAA) mandates. As such, the proposed project would comply with SCAQMD Rule 403 requirements, and implement all feasible mitigation measures (Mitigation Measure AQ-1). Rule 403 requires that fugitive dust be controlled with the best available control measures in order to reduce dust so that it does not remain visible in the atmosphere beyond the property line of the proposed project. In addition, the proposed project would comply with adopted 2012 AQMP emissions control measures. Per SCAQMD rules and mandates, as well as the CEQA requirement that significant impacts be mitigated to the extent feasible, these same requirements (i.e., Rule 403 compliance, the implementation of all feasible mitigation measures, and compliance with adopted 2012 AQMP emissions control measures) would also

be imposed on construction projects throughout the Basin, which would include related projects.

As discussed previously, the proposed project would not result in long-term air quality impacts, as emissions would not exceed the SCAQMD adopted operational thresholds. Additionally, adherence to SCAQMD rules and regulations would alleviate potential impacts related to cumulative conditions on a project-by-project basis. Emission reduction technology, strategies, and plans are constantly being developed. As a result, the proposed project would not contribute a cumulatively considerable net increase of any nonattainment criteria pollutant. Therefore, cumulative operational impacts associated with implementation of the proposed project would be less than significant.

d) *Expose sensitive receptors to substantial pollutant concentrations?* ***Determination: Less Than Significant With Mitigation Incorporated***

Sensitive receptors are defined as facilities or land uses that include members of the population that are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Examples of these sensitive receptors are residences, schools, hospitals, and daycare centers. CARB has identified the following groups of individuals as the most likely to be affected by air pollution: the elderly over 65, children under 14, athletes, and persons with cardiovascular and chronic respiratory diseases such as asthma, emphysema, and bronchitis.

Sensitive receptors near the project site include surrounding adjoining residences to the north, east, south, and west, and a church facility adjoin the project site to the south of the project site. In order to identify impacts to sensitive receptors, the SCAQMD recommends addressing localized significance thresholds (LSTs) for construction and operations impacts (area sources only). The CO hotspot analysis following the LST analysis addresses localized mobile source impacts.

LOCALIZED SIGNIFICANCE THRESHOLDS

LSTs were developed in response to SCAQMD Governing Boards' Environmental Justice Enhancement Initiative (I-4). The SCAQMD provided the Final Localized Significance Threshold Methodology (dated June 2003 [revised 2008]) for guidance. The LST methodology assists lead agencies in analyzing localized air quality impacts. The SCAQMD provides the LST screening lookup tables for one, two, and five acre projects emitting CO, NOX, $PM_{2.5}$, or PM_{10}. The LST methodology and associated mass rates are not designed to evaluate localized impacts from mobile sources traveling over the roadways. The SCAQMD recommends that any project over five acres should perform air quality dispersion modeling to assess impacts to nearby sensitive receptors. The project is located in Source Receptor (SRA) 9, East San Gabriel Valley.

CONSTRUCTION

Based on the SCAQMD guidance on applying CalEEMod to LSTs, the project would disturb approximately 3.2 acres of land per day. Therefore, the LST thresholds for two acres were

conservatively utilized for the construction LST analysis. As the nearest sensitive uses are adjoining the project site, the LST value for 25 meters was utilized, as this is the most conservative option the methodology allows. *Table 4.3-3, Localized Significance of Construction Emissions*, shows the localized unmitigated and mitigated construction-related emissions. It is noted that the localized emissions presented in *Table 4.3-3* are less than those in *Table 4.3-1* because localized emissions include only on-site emissions (i.e., from construction equipment and fugitive dust). As seen in *Table 4.3-3*, mitigated on-site emissions would not exceed the LSTs for SRA 9.

Table 4.3-3
Localized Significance of Construction Emissions

Source	Pollutant (pounds/day)			
	NO_X	CO	PM_{10}	$PM_{2.5}$
Construction				
2016				
Total Unmitigated On-Site Emissions[1]	38.45	26.10	8.40	5.35
Total Mitigated On-Site Emissions[1]	38.45	26.10	4.50	3.26
Localized Significance Threshold[3]	*128*	*953*	*7*	*5*
Thresholds Exceeded?	***No***	***No***	***No***	***No***
2017				
Total Unmitigated On-Site Emissions[2]	25.54	16.38	1.46	1.35
Total Mitigated On-Site Emissions[2]	25.54	16.38	1.46	1.35
Localized Significance Threshold[3]	*128*	*953*	*7*	*5*
Thresholds Exceeded?	***No***	***No***	***No***	***No***
2018				
Total Unmitigated On-Site Emissions[2]	21.68	16.01	1.23	1.13
Total Mitigated On-Site Emissions[2]	21.68	16.01	1.23	1.13
Localized Significance Threshold[3]	*128*	*953*	*7*	*5*
Thresholds Exceeded?	***No***	***No***	***No***	***No***

Notes:
1. For construction year 2016, the grading phase emissions are presented as the worst case scenario.
2. For construction years 2017 and 2018, the building construction phase emissions are presented as the worst case scenario.
3. The Localized Significance Threshold was determined using Appendix C of the SCAQMD *Final Localized Significant Threshold Methodology* guidance document for pollutants NO_X, CO, PM_{10}, and $PM_{2.5}$. The Localized Significance Threshold was based on the anticipated daily acreage disturbance for construction (approximately 3.2 acres; therefore the thresholds for 2 acres were conservatively used), the distance to sensitive receptors, and the source receptor area (SRA 9).

OPERATIONS

As seen in *Table 4.3-4, Localized Significance of Operational Emissions*, project-related mitigated operational area source emissions would be negligible and would be below the LSTs. Modeled area source emissions include the natural gas burning fireplaces and exclude the use of wood burning fireplaces per SCAQMD Rule 445. Therefore, operational LST impacts would be less than significant in this regard.

Table 4.3-4
Localized Significance of Operational Emissions

Source	Pollutant (pounds/day)			
	NO_X	CO	PM_{10}	$PM_{2.5}$
Operational				
Mitigated Area Source Emissions[1]	0.05	3.92	0.08	0.08
Localized Significance Threshold	128	953	2	2
Thresholds Exceeded?	***No***	***No***	***No***	***No***

Notes:
1. Area sources include natural gas burning fireplaces and exclude the use of wood burning fireplaces and wood burning stoves per SCAQMD Rule 445 (Wood-Burning Devices).

Carbon Monoxide Hotspots

CO emissions are a function of vehicle idling time, meteorological conditions, and traffic flow. Under certain extreme meteorological conditions, CO concentrations near a congested roadway or intersection may reach unhealthful levels (i.e., adversely affecting residents, school children, hospital patients, the elderly, etc.).

The SCAQMD requires a quantified assessment of CO hotspots when a project increases the volume-to-capacity ratio (also called the intersection capacity utilization) by 0.02 (two percent) for any intersection with an existing level of service LOS D or worse. Because traffic congestion is highest at intersections where vehicles queue and are subject to reduced speeds, these hot spots are typically produced at intersections.

The Basin is designated as an attainment/maintenance area for the federal CO standards and an attainment area for State standards. There has been a decline in CO emissions even though vehicle miles traveled on U.S. urban and rural roads have increased. On-road mobile source CO emissions have declined 24 percent between 1989 and 1998, despite a 23 percent rise in motor vehicle miles traveled over the same 10 years. California trends have been consistent with national trends; CO emissions declined 20 percent in California from 1985 through 1997 while vehicle miles traveled increased 18 percent in the 1990s. Three major control programs have contributed to the reduced per-vehicle CO emissions: exhaust standards, cleaner burning fuels, and motor vehicle inspection/maintenance programs.

A detailed CO analysis was conducted in the Federal Attainment Plan for Carbon Monoxide (CO Plan) for the SCAQMD's *2003 Air Quality Management Plan*. The locations selected for microscale modeling in the CO Plan are worst-case intersections in the Basin, and would likely experience the highest CO concentrations. Thus, CO analysis within the CO Plan is utilized in a comparison to the proposed project, since it represents a worst-case scenario with heavy traffic volumes within the Basin.

Of these locations, the Wilshire Boulevard/Veteran Avenue intersection in Los Angeles experienced the highest CO concentration (4.6 parts per million [ppm]), which is well below the 35-ppm 1-hr CO Federal standard. The Wilshire Boulevard/Veteran Avenue intersection is one of the most congested intersections in Southern California with an average daily traffic (ADT) volume of approximately 100,000 vehicles per day. As the CO hotspots were not experienced at the Wilshire Boulevard/Veteran Avenue intersection, it can be reasonably

inferred that CO hotspots would not be experienced at any intersections within the City of Baldwin Park near the project site due to the low volume of traffic (447 daily trips) that would occur as a result of project implementation. Therefore, impacts would be less than significant in this regard.

MITIGATION MEASURES:

Refer to Mitigation Measure AQ-1. No additional mitigation is required.

e) *Create objectionable odors affecting a substantial number of people?* ***Determination: Less Than Significant Impact***

According to the SCAQMD *CEQA Air Quality Handbook*, land uses associated with odor complaints typically include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. The proposed project does not include any uses identified by the SCAQMD as being associated with odors.

Construction activity associated with the project may generate detectable odors from heavy-duty equipment exhaust. Construction related odors would be short-term in nature and cease upon project completion. Any impacts to existing adjacent land uses would be short-term, as previously noted, and are considered less than significant given the project size.

4.4 BIOLOGICAL RESOURCES

BIOLOGICAL RESOURCES -- Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☑	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	☐	☐	☐	☑

BIOLOGICAL RESOURCES -- Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☑
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☑
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☑	☐
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☑

Would the Project:

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

The project site lies within the City of Baldwin Park, which is an urbanized community and largely built out. Baldwin Park is predominately suburban in nature, with limited to no natural habit for special status species.[7] The project site is highly disturbed, and no sensitive habitat is present on the property; refer also to *Figure 1, Regional/Local Vicinity Map*. Therefore, project implementation is generally not anticipated to directly impact any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or

7 City of Baldwin Park General Plan. November 2002.

regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service.

Although the project site is highly disturbed, several mature trees are present along the eastern/northeastern boundary of the main project site. These trees may have the potential to be utilized by migratory birds that could be indirectly impacted during the construction phase due to noise, tree removal, construction activity, and/or the presence of construction workers. The Migratory Bird Treaty Act (MBTA) makes it unlawful to pursue, capture, kill, or possess or attempt to do the same to any migratory bird or part, nest, or egg of any such bird listed in wildlife protection treaties between the United States, Great Britain, Mexico, Japan, and the countries of the former Soviet Union. Mitigation Measure BIO-1 restricts the removal of any potential nesting habitat during the avian nesting season and requires clearance surveys and buffers to ensure that any nesting birds are protected. With implementation of Mitigation Measure BIO-1 and compliance with the City's Tree Preservation Ordinance, potential impacts on special status species would be reduced to a less than significant level.

BIO-1 Pursuant to the Migratory Bird Treaty Act and California Department of Fish and Game Code, removal of any trees, shrubs, or any other potential nesting habitat shall be conducted outside the avian nesting season. If any construction, grading, brushing, clearing, or tree removal is proposed between January 1st and August 31st, or if work is scheduled to occur during the breeding season, a pre-construction nesting bird clearance survey shall be conducted by a qualified biologist three (3) days prior to the commencement of any ground disturbing activities. Should any active nests be located on or within 300 feet of the main project site (this buffer extends to 500 feet for raptor species), construction shall comply with Migratory Bird Treaty Act and California Department of Fish and Game Code requirements, including provision of an adequate construction buffer around active nests (if any), or avoidance of construction during the species nesting season if provision of an adequate buffer is determined to be infeasible.

b) *Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?* ***Determination: No Impact***

Refer to Response 4.4(a), above. Walnut Creek Wash and the Walnut Creek Nature Park are located within the City of Baldwin Park.[8] The proposed project does not propose any development that would cause disturbance to Walnut Creek Wash or Walnut Creek Nature Park, nor would the project 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.[9]

The property has been previously graded and is largely void of any vegetation; refer to *Figure 1, Regional/Local Vicinity Map*. Several trees are present onsite along the eastern property boundary, and any tree removal activities would require compliance with the City's Tree Preservation Ordinance. No rivers or streams or other surface waters are located on the property. As stated in Appendix A (Initial Study) of the 2020 General Plan Final Program EIR,

no known significant biological resources are located within the City. As such, project site does not support any riparian habitat or other sensitive natural community. Therefore, no impact to such resources would occur with development of the property as proposed.

c) *Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?* ***Determination: No Impact***

Refer also to Response 4.4(a), above. The proposed project site is generally flat and does not contain any substantial natural drainage or surface water features, such as a stream or river. Additionally, according to the General Plan Final Program EIR (Appendix A – Initial Study), there are no known biological resources or federally-protected wetlands within the City of Baldwin Park. Therefore, the project would not have a substantial effect on federally-protected wetlands as defined by Section 404 of the Clean Water Act. No impacts would occur, and no mitigation measures are required.

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?* ***Determination: No Impact***

The project site lies within the City of Baldwin Park, which is a highly urbanized community. As stated above, the site has experienced substantial development and disturbance. The site is not located within a Multi-Species Habitat Conservation Plan, and no designated wildlife corridors are present within the City limits. Additionally, due to the disturbed nature of the project site, the site is not anticipated to be utilized by wildlife as a movement or migratory corridor; refer also to *Figure 1, Regional/Local Vicinity Map*. Additionally, neither the project site nor surrounding lands are expected to support native wildlife nursery sites.

As a result, implementation of the proposed project would not affect any migratory corridors or linkages on or in the vicinity of the project site. No impacts would occur, and no mitigation measures are required.

e) *Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?* ***Determination: Less Than Significant Impact***

Refer to Response 4.4(a), above, regarding onsite conditions with regard to biological resources. Development of the project may potentially require the removal of mature trees onsite to accommodate the proposed uses; however, landscaping would be installed on the property, consistent with the adopted project Landscape Plan, following the construction phase; refer to *Figure 5A, Conceptual Landscape Plan*. The applicant would be required to adhere to Ordinance 1336, which relates to tree preservation and protection. Pursuant to Ordinance 1336, removal of any mature or required trees will be required to comply with the City's Tree Preservation Ordinance, which requires the submittal and approval of a Mature Tree Trimming and/or Removal Application, and obtaining a permit from the Tree Officer. Because the project would be required to comply with Ordinance 1336, impacts are considered less than significant.

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? ***Determination: No Impact***

Baldwin Park is not within the jurisdiction of any habitat conservation plan, natural community conservation plan, or any other approved local, regional, or State habitat conservation plan. The closest designated habitat conservation area is a County of Los Angeles Significant Ecological Area (SEA) (Area #19, San Gabriel Canyon).[8] The SEA is located approximately 1.8 miles to the north of the project site. Therefore, the proposed project would not result in an impact with regard to conflict with an adopted conservation plan. No impacts would occur, and no mitigation measures are required.

4.5 CULTURAL RESOURCES

CULTURAL RESOURCES -- Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource as defined in '15064.5?	☐	☐	☐	☑
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to '15064.5?	☐	☐	☐	☑
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☐	☑
d) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☑	☐

Would the Project:

a) Cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines §15064.5? ***Determination: No Impact***

Historic resources generally consist of buildings, structures, improvements, and remnants associated with a significant historic event or person(s) and/or have a historically significant style, design, or achievement. Damage to or demolition of such resources is typically considered to be a significant impact. Impacts to historic resources can occur through direct

8 Los Angeles County Department of Regional Planning. General Plan 2035. Conservation and Natural Resources Element. Figure 9.3, Significant Ecological Areas and Coastal Resources Areas. Adopted October 6, 2015. http://planning.lacounty.gov/assets/upl/project/gp_2035_2014-FIG_9-3_significant_ecological_areas.pdf. Accessed March 7, 2016.

impacts, such as destruction or removal, and through indirect impacts, such as a change in the setting of a historic resource.

The City's General Plan Open Space and Conservation Element identifies several structures of regional and local importance within the City limits, as determined by the Baldwin Park Historical Society. Such resources are recommended for preservation. Additionally, the City's Zoning Code contains a Historic Resources Code that protects and encourages preservation of the City's heritage. Under the Historic Resources Code, the City Planning Commission acts as the Historic Resources Advisory Committee for the review of alterations to potentially historic buildings and other activities that may affect potentially historic resources.

No known historic resources are present on the project site. The project does not propose to change the historic designations of any recognized historical sites or structures and would not change or have any effect upon the City's existing preservation objectives or policies. The main project site, and any associated parcels, are not located within a Historic Overlay Zone, as defined by the City's Zoning Ordinance. Further, the proposed project would not authorize any adverse impacts to a historical resource. Therefore, no impacts on historic resources would occur with the project, and no mitigation measures are required.

b) *Cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines §15064.5?* ***Determination: No Impact***

Archaeological sites are locations that contain resources associated with former human activities. Archaeological sites may contain such resources as human skeletal remains, waste from tool manufacture, tool concentrations, and/or discoloration or accumulation of soil or food remains.

As stated in the Initial Study prepared for the 2020 General Plan Final EIR (included as Appendix A of the EIR), the City of Baldwin Park is largely built out and does not contain any known archaeological resources. Therefore, the potential for uncovering such resources within the City is considered to be remote. As such, the General Plan Final Program EIR determined that no impacts on historical and cultural resources would occur with future buildout of the General Plan.

Previous onsite disturbance on the main project site, and/or construction that has occurred on the five associated parcels, has likely disturbed or destroyed any archaeological resources that may have been present in the past. The potential for uncovering such significant resources during project grading or excavation activities is therefore considered to be low. As such, no substantial adverse change in the significance of an archaeological resource would result with implementation of the project. If unknown cultural resources are encountered during project construction, compliance with standard protocols for halting construction activity and undertaking proper evaluation to ensure long-term protection of any significant resources. No impacts would occur in this regard.

c) *Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?* ***Determination: No Impact***

Paleontological resources are the preserved fossilized remains of plants and animals. Fossils and traces of fossils are preserved in sedimentary rock units, particularly fine- to medium-grained marine, lake, and stream deposits, such as limestone, siltstone, sandstone, or shale, and in ancient soils (paleosols). They are also found in coarse-grained sediments, such as conglomerates or coarse alluvium sediments. Fossils are rarely preserved in igneous or metamorphic rock units. Fossils may occur throughout a sedimentary unit and, in fact, are more likely to be preserved subsurface, where they have not been damaged or destroyed by previous ground disturbance, amateur collecting, or natural causes such as erosion. In contrast, archaeological and historic resources are often recognized by surface evidence of their presence.

As stated above, the City of Baldwin Park is largely built out. The General Plan Final Program EIR indicates that the City does not contain any known paleontological resources. Previous land development and other human activities have likely disturbed or destroyed any paleontological resources that may have been present onsite in the past. The potential for uncovering significant paleontological resources during new construction or redevelopment projects is therefore considered to be remote. As such, project implementation would not adversely impact paleontological resources. No impacts would occur.

d) *Disturb any human remains, including those interred outside of formal cemeteries?* ***Determination: Less Than Significant Impact***

Ground-disturbing activities, such as grading or excavation, have the potential to disturb human remains. If human remains are found, such remains would require proper treatment, in accordance with applicable local, State, and federal laws. The Native American Graves Protection and Repatriation Act (NAGPRA) includes provisions for unclaimed and culturally unidentifiable Native American cultural items, intentional and inadvertent discovery of Native American cultural items on federal and tribal lands, and penalties for noncompliance and illegal trafficking. State of California Public Resources Health and Safety Code Section 7050.5-7055 describes the general provisions regarding human remains, including the requirements if any human remains are accidentally discovered during excavation of a site.

As required by State law, and as applicable to project construction activities, the requirements and procedures set forth in Section 5097.98 of the California Public Resources Code (PRC) would be implemented, including notification of the County Coroner, notification of the Native American Heritage Commission and consultation with the individual identified by the Native American Heritage Commission (NAHC) to be the "most likely descendant." If human remains are found during excavation, excavation must stop in the vicinity of the find and any area that is reasonably suspected to overlie adjacent remains until the County Coroner has been called to the site, and the remains have been investigated and appropriate recommendations have been made for the treatment and disposition of the remains. Project compliance with federal and State regulations, which detail the appropriate actions necessary

in the event human remains are encountered, would ensure that impacts on unknown human remains would remain less than significant.

4.6 GEOLOGY AND SOILS

GEOLOGY AND SOILS -- Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☑	☐
ii) Strong seismic ground shaking?	☐	☐	☑	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☑	☐
iv) Landslides?	☐	☐	☐	☑
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☑	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☑	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (2004), creating substantial risks to life or property?	☐	☐	☑	☐

GEOLOGY AND SOILS -- Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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?	☐	☐	☐	☑

Would the Project:

a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

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

The City of Baldwin Park, like the rest of southern California, is located within a seismically-active region as the result of being located near the active margin between the North American and Pacific tectonic plates. As stated in the Public Safety Element of the General Plan, there are no active known faults within the City of Baldwin Park; however, several major faults do exist within the region and have the potential to cause damage within the City. The most significant known active fault zones that are capable of seismic ground shaking and can impact the City are the Whittier-Elsinore Fault Zone, Newport-Inglewood Fault Zone, San Andreas Fault Zone, and San Gabriel Fault Zone, as well as the lesser San Fernando/Sierra Madre-Cucamonga Fault Zone, Raymond Hill Fault Zone, Verdugo Fault Zone, and Chino Fault Zone, according to Figure PS-1, Regional Fault Zones, in the Public Safety Element of the General Plan.

Because Baldwin Park is subject to strong ground shaking in the event of a major earthquake on regional faults, all construction is required to occur in compliance with the most current California Building Code (CBC) requirements. Additionally, compliance with existing local City building standards and other applicable seismic-related design requirements would further reduce the potential for damage to occur as the result of rupture of known earthquake faults in the region.

The project site is not located within a designated Alquist-Priolo or Los Angeles County Fault Hazard Zone, as indicated by the Public Safety Element, Figure PS-1, Regional Fault Zones, of the General Plan. Ground rupture is generally considered most likely to occur along pre-existing active faults. According to the General Plan, no known faults exist on the project site or within the general vicinity of the site. Therefore, the potential for ground rupture to occur on the site is low.

As indicated in the Geotechnical Report prepared by Duco Engineering, Incorporated (August 2014), no seismic hazards were identified onsite; refer to *Appendix C, Report of Geotechnical Evaluation*, of this Initial Study. Future development of the project site would include grading and/or other ground- disturbing activities to allow for the proposed residential development. Based on the conditions described above, no proposed building pads or structures would be placed within a fault setback zone. Project compliance with the CBC and other applicable local seismic-related building requirements would reduce the potential for impacts to occur from the exposure of people or structures to potential substantial adverse effects as the result of fault rupture. Therefore, project impacts are considered to be less than significant, and no mitigation measures are required.

ii) Strong seismic ground shaking? ***Determination: Less Than Significant Impact***

As discussed in Response 4.6(a)(i), several faults are present within the surrounding region having the potential to create strong seismic ground shaking. Therefore, the project site could be exposed to ground shaking during seismic events. Construction of the future residential building pads and the design and engineering of the residential structures would be required to comply with the City's Building Code and the CBC. Additionally, the General Plan Public Safety Element includes goals and policies to protect the community of Baldwin Park from risks associated with seismic hazards. Compliance with the codes and regulations discussed above would lessen potential project impacts associated with fault rupture and strong seismic groundshaking to a level of less than significant, and no mitigation measures are required.

iii) Seismic-related ground failure, including liquefaction? ***Determination: Less Than Significant Impact***

The occurrence of liquefaction and seismically-induced settlement or ground failure is generally related to strong seismic shaking events where the groundwater table occurs at a relatively shallow depth (generally within 50 feet of the ground surface), or where lands are underlain by loose, cohesionless deposits. Liquefaction generally results in the loss of shear strength of a soil, which occurs due to the increase of pore water pressure caused by the rearrangement of soil particles induced by shaking or vibration. During liquefaction, soil strata typically behave similar to a heavy fluid.

As depth to groundwater within the City of Baldwin Park is generally greater than 50 feet below ground surface (bgs), the potential for liquefaction to occur is considered to be low; however, according to Section 2.9, Geology and Soils, of the 2020 General Plan Final Program EIR, the Division of Mines and Geology Division of the California Department of Conservation has identified the southwestern portion of the City as being subject to liquefaction. The project site is not located within this area.

The preliminary Geotechnical Evaluation prepared for the project site by Duco Engineering, Inc. (August 2014) indicated that test holes were excavated onsite to a depth of 17 feet; refer to *Appendix C, Report of Geotechnical Evaluation*. No groundwater

was encountered in any holes to the depths explored, and none is expected at an elevation that would affect the proposed site development. This is consistent with other groundwater data available for the project area, which indicates the highest recorded groundwater levels at 60 feet bgs, with the majority of data commonly indicating groundwater levels at greater than 100 feet bgs. Further, the Geotechnical Evaluation indicates that hazards associated with seismic hazard mapping (liquefaction) were not identified onsite. As such, the potential for liquefaction to occur on the project site (and adjacent lands) is considered to be low.

Placement and compaction of any fill material for the proposed residential structures shall be performed in accordance with the City of Baldwin Park grading standards and to the satisfaction of a qualified geotechnical engineer. In addition, the project would be required to comply with the CBC, as well as applicable General Plan policies and City codes and regulations. As the site is not located within a designated Alquist-Priolo Fault Zone, Los Angeles County Fault Hazard Zone, or in an area susceptible to liquefaction hazards, impacts associated with ground failure, including liquefaction and settlement, are considered to be less than significant. No mitigation measures are required.

iv) Landslides? ***Determination: No Impact***

According to the Initial Study prepared in support of the 2020 General Plan Final Program EIR (Appendix A – Initial Study and Notice of Preparation of the EIR), the Division of Mines and Geology Division of the California Department of Conservation does not identify any areas subject to landslides on the Baldwin Park U.S. Geological Survey (USGS) quadrangle.

Topography within the City is relatively flat. No canyons or steep topographic features are present. Similarly, the project site and surrounding lands are relatively flat, and therefore, landslides are not considered to be a hazard. The property is generally flat with an approximate 3-foot change in elevation across the property. Further, the Geotechnical Report prepared for the project indicates that no landslides were encountered during the site visit, and no such conditions are known to exist on the property or at a location that would affect the project site; refer to *Appendix C*. No impacts relative to landslides are anticipated.

b) Result in substantial soil erosion or the loss of topsoil? ***Determination: Less Than Significant Impact***

Grading and trenching during the construction phase of the project would displace soils and temporarily increase the potential for soils to be subject to wind and water erosion. Soil erosion is most prevalent in unconsolidated alluvium and surficial soils and in areas that have slopes.

As the City of Baldwin Park is relatively flat and built out and is generally covered by urban landscaping and/or impermeable surfaces, the potential for soil erosion or loss of topsoil of topsoil is minimal. The project Applicant would be required to meet City of Baldwin Park

grading standards, and as required, would prepare site-specific grading plans to be signed by a registered civil engineer. Further, the Applicant would be required to prepare a Stormwater Pollution Prevention Plan (SWPPP) for approval by the City prior to grading. The plan would identify site-specific Best Management Practices (BMPs) to be implemented with the proposed development in order to prevent erosion, minimize siltation from impacting downstream water bodies, and protect water quality.

Implementation of the project would occur in compliance with such plans and grading standards, as discussed above. With such compliance, project impacts with regard to soil erosion or the loss of topsoil are considered to be less than significant, and no mitigation measures are required.

c) *Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on-or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?* ***Determination: Less Than Significant Impact***

Lateral spreading is a phenomenon in which large blocks of intact, non-liquefied soil move down slope on a liquefied soil layer. Lateral spreading is often a regional event. For lateral spreading to occur, the liquefiable soil zone must be laterally continuous, unconstrained laterally, and free to move along sloping ground. Liquefaction and seismically-induced settlement or ground failure are generally associated with strong seismic shaking in areas where groundwater tables occur at relatively shallow depths (within 50 feet bgs) or when land is underlain by loose, cohesionless deposits. As stated above, depth to groundwater at the project site and on surrounding lands is anticipated to be greater than 50 feet bgs. Additionally, according to the Initial Study prepared in support of the General Plan Final Program EIR (see Appendix A, Initial Study and Notice of Preparation, of the EIR), the City does not contain any areas susceptible to subsidence.

During site-specific geologic testing performed in 2014 (Duco Engineering, August 2014), fill soils were documented onsite within a depth of approximately one to two feet; localized fills may be deeper and associated with past grading and unforeseen subsurface structures. Such soils were found to be soft, silty sands, some with gravel overlying natural silty sand. These soils are composed of material similar to the onsite natural soils and found within the top one foot. Such soils are not suitable for support of foundations and would be removed and re-compacted with project development to ensure the absence of any unstable soils.

As the project site and associated parcels are not located within a designated Alquist-Priolo, Los Angeles County Fault Hazard Zone, or in an area susceptible to liquefaction hazards, impacts associated with ground failure, including landslides, liquefaction, lateral spreading, and settlement, are considered to be less than significant with project compliance with the CBC and applicable local codes and building standards. Refer also to Responses 4.6(a)(ii) through 4.6(a)(iv), above, for additional discussion. Project impacts relative to unstable geologic units or soils would be less than significant.

d) *Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (2004), creating substantial risks to life or property?* ***Determination: Less Than Significant Impact***

Expansive soils are those that undergo volume changes as moisture content fluctuates, swelling substantially when wet or shrinking when dry. Soil expansion can damage structures by cracking foundations, causing settlement, and distorting structural elements.

The site-specific geologic testing performed in 2014 (Duco Engineering, August 2014) determined that soils onsite have a very low expansion potential. Future development of the proposed residential units onsite would be subject to a site-specific geologic study, prior to issuance of a grading permit, to identify measures that may potentially lessen potential impacts related to any expansive soils, as appropriate. In addition, all future development on the project site would be required to comply with the most current CBC at the time of construction, which contains minimum design requirements for construction on expansive soils. Therefore, project impacts relative to potential risks to life and property from expansive soils would be less than significant.

e) *Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?* ***Determination: No Impact***

Baldwin Park does not allow the use of septic systems for wastewater disposal; the proposed project does not include the use of septic systems or other alternative wastewater disposal systems. The project would utilize a gravity sewer system that would connect to the City's existing public sewer and wastewater treatment systems, consistent with City engineering requirements. The need for wastewater disposal via the use of septic tanks would not be required. Therefore, no impact would occur in this regard.

4.7 GREENHOUSE GAS EMISSIONS

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

GLOBAL CLIMATE CHANGE

California is a substantial contributor of global greenhouse gases (GHGs), emitting over 450 million tons of carbon dioxide (CO_2) in 2013.[9] Climate studies indicate that California is likely to see an increase of three to four degrees Fahrenheit over the next century. Methane (CH_4) is also an important GHG that potentially contributes to global climate change. GHGs are global in their effect, which is to increase the earth's ability to absorb heat in the atmosphere. As primary GHGs have a long lifetime in the atmosphere, accumulate over time, and are generally well-mixed, their impact on the atmosphere is mostly independent of the point of emission.

The impact of human activities on global climate change is apparent in the observational record. Air trapped by ice has been extracted from core samples taken from polar ice sheets to determine the global atmospheric variation of CO_2, CH_4, and nitrous oxide (N_2O) from before the start of industrialization (approximately 1750), to over 650,000 years ago. For that period, it was found that CO_2 concentrations ranged from 180 to 300 parts per million. For the period from approximately 1750 to the present, global CO_2 concentrations increased from a pre-industrialization period concentration of 280 to 379 parts per million in 2005, with the 2005 value far exceeding the upper end of the pre-industrial period range.

REGULATIONS AND SIGNIFICANCE CRITERIA

The Intergovernmental Panel on Climate Change (IPCC) developed several emission trajectories of GHGs needed to stabilize global temperatures and climate change impacts. It concluded that a stabilization of GHGs at 400 to 450 parts per million CO_2 equivalent[10] (CO_2eq) concentration is required to keep global mean warming below two degrees Celsius, which in turn is assumed to be necessary to avoid significant levels of climate change.

Executive Order S-3-05 was issued in June 2005, which established the following GHG emission reduction targets:

- 2010: Reduce GHG emissions to 2000 levels
- 2020: Reduce GHG emissions to 1990 levels
- 2050: Reduce GHG emissions to 80 percent below 1990 levels

Additionally, issued in April 2015, Executive Order B-30-15 requires statewide GHG emissions to be reduced 40 percent below 1990 levels by 2030. Assembly Bill 32 (AB 32) requires that the California Air Resources Board (CARB) determine what the statewide GHG emissions level was in 1990, and approve a statewide GHG emissions limit that is equivalent to that level, to be achieved by 2020. CARB has approved a 2020 emissions limit of 431 million metric tons (MT) of CO_2eq ($MTCO_2$eq).

9 California Environmental Protection Agency, *California Greenhouse Gas Emission Inventory - 2015 Edition*, http://www.arb.ca.gov/cc/inventory/data/data.htm, accessed March 8, 2016.

10 Carbon Dioxide Equivalent – A metric measure used to compare the emissions from various greenhouse gases based upon their global warming potential.

Due to the nature of global climate change, it is not anticipated that any single development project would have a substantial effect on global climate change. In actuality, GHG emissions from the proposed project would combine with emissions emitted across California, the United States, and the world to cumulatively contribute to global climate change.

In June 2008, the California Governor's Office of Planning and Research published a Technical Advisory, which provides informal guidance for public agencies as they address the issue of climate change in CEQA documents.[11] This is assessed by determining whether a proposed project is consistent with or obstructs the 39 Recommended Actions identified by CARB in its *Climate Change Scoping Plan* which includes nine Early Action Measures (qualitative approach). The Attorney General's Mitigation Measures identify areas were GHG emissions reductions can be achieved in order to achieve the goals of AB 32. As set forth in the California Governor's Office of Planning and Research Technical Advisory and in the proposed amendments to the *CEQA Guidelines* Section 15064.4, this analysis examines whether the proposed project's GHG emissions are significant based on a qualitative and performance based standard (Proposed *CEQA Guidelines* Section 15064.4(a)(1) and (2)).

South Coast Air Quality Management District Thresholds

On December 5, 2008, the SCAQMD adopted GHG significance thresholds for Stationary Sources, Rules, and Plans where the SCAQMD is lead agency. The threshold uses a tiered approach. A proposed project is compared with the requirements of each tier sequentially and would not result in a significant impact if it complies with any tier. Tier 1 excludes projects that are specifically exempt from Senate Bill 97 from resulting in a significant impact. Tier 2 excludes projects that are consistent with a GHG reduction plan that has a certified final CEQA document and complies with AB 32 GHG reduction goals. Tier 3 excludes projects with annual emissions lower than a screening threshold. For industrial stationary source projects, the SCAQMD adopted a screening threshold of 10,000 $MTCO_2eq$ per year ($MTCO_2eq/yr$). This threshold was selected to capture 90 percent of the GHG emissions from these types of projects where the combustion of natural gas is the primary source of GHG emissions. The SCAQMD concluded that projects with emissions less than the screening threshold would not result in a significant cumulative impact. Tier 4 consists of three decision tree options. Under the first option, the proposed project would be excluded if design features and/or mitigation measures resulted in emissions 30 percent lower than business as usual (BAU) emissions. Under the second option the proposed project would be excluded if it had early compliance with AB 32 through early implementation of California Air Resources Board's *Climate Change Scoping Plan* measures. Under the third option, the proposed project would be excluded if it met sector based performance standards. However, the specifics of the Tier 4 compliance options were not adopted by the SCAQMD Board in order to allow further time to develop the options and coordinate with CARB's GHG significance threshold development efforts. Tier 5 would exclude projects that implement off-site mitigation (GHG

11 Governor's Office of Planning and Research, CEQA and Climate Change: Addressing Climate Change Through California Environmental Quality Act (CEQA) Review, 2008.

reduction projects) or purchase offsets to reduce GHG emission impacts to less than the proposed screening level.

While not adopted by the SCAQMD Board, the guidance document prepared for the stationary source threshold also suggested the same tiered approach for residential and commercial projects with a 3,000 $MTCO_2eq/yr$ screening threshold. However, at the time of adoption of the industrial stationary source threshold, the SCAQMD felt additional analysis was required along with coordination with CARB's GHG significance threshold development efforts.

At the November 2009 meeting of the SCAQMD GHG working group, SCAQMD staff presented two options for screening thresholds for residential and commercial projects. The first option would have different thresholds for specific land uses. The proposed threshold for residential projects is 3,500 $MTCO_2eq/yr$, the commercial threshold is 1,400 $MTCO_2eq/yr$, and the mixed-use threshold is 3,000 $MTCO_2eq/yr$. The second option would apply the 3,000 $MTCO_2eq/yr$ screening threshold for all commercial/residential projects. Lead agencies would be able to select either option. These thresholds are based on capturing 90 percent of the emissions from projects and requiring them to comply with the higher tiers of the threshold (i.e., performance requirements or GHG reductions outside of the project) to not result in a significant impact.

SCAQMD staff also presented updates for compliance options for Tier 4 of the significance thresholds. The first option would be a reduction of 23.9 percent in GHG emissions over the base case. This percentage reduction represents the land use sector portion of the CARB's *Climate Change Scoping Plan's* overall reduction of 28 percent. This target would be updated as the AB 32 *Climate Change Scoping Plan* is revised. The base case scenario for this reduction still needs to be defined. Residual emissions would need to be less than 25,000 $MTCO_2eq/yr$ to comply with the option. Staff proposed efficiency targets for the third option of 4.6 $MTCO_2eq/yr$ per service population (population plus employment) for project level analysis and 6.6 $MTCO_2eq/yr$ for plan level analyses. For project level analyses, residual emissions would need to be less than 25,000 $MTCO_2eq/yr$ to comply with this option.

At the most recent meeting of the SCAQMD GHG working group, SCAQMD staff recommended extending the 10,000 $MTCO_2eq/yr$ industrial project threshold for use by all lead agencies. The two options for land-use thresholds were reiterated with a recommendation that lead agencies use the second, 3,000 $MTCO_2eq/yr$ threshold for all non-industrial development projects. Staff indicated that they would not be recommending a specific approach to address the first option of Tier 4, Percent Emissions Reduction Target. If lead agencies enquire about using this approach staff will reference the approach recommended by the San Joaquin Valley Air Pollution Control District and describe the challenges to using this approach. For the third option of Tier 4, SCAQMD staff re-calculated the recommended Tier 4 efficiency targets for project level analyses to 4.8 $MTCO_2eq/yr$ in 2020 and 3.0 $MTCO_2eq/yr$ in 2035. The recommended plan level analysis efficiency target remains 6.6 $MTCO_2eq/yr$ for 2020, but was lowered to 4.1 $MTCO_2eq/yr$ for 2035. SCAQMD staff also stated that they are no longer proposing to include a 25,000 $MTCO_2eq/yr$ maximum emissions requirement for compliance with Tier 4. Staff indicated that they hoped to bring the proposed

GHG significance thresholds to the board for their December 2010 meeting; however, this did not occur.

For the proposed project, the 3,000 $MTCO_2eq/yr$ non-industrial screening threshold is used as the significance threshold in addition to the qualitative thresholds of significance set forth below from Section VII of *CEQA Guidelines* Appendix G.

Would the Project:

a) *Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?* ***Determination: Less Than Significant Impact***

The proposed project would result in direct and indirect emissions of CO_2, CH_4, and N_2O, and would not result in other GHGs that would facilitate a meaningful analysis. Therefore, this analysis focuses on these three forms of GHG emissions. Direct proposed project-related GHG emissions include emissions from construction activities, area sources, and mobile sources, while indirect sources include emissions from electricity consumption, water demand, and solid waste generation. Operational GHG estimations are based on energy emissions from natural gas usage and automobile emissions. The California Emissions Estimator Model (CalEEMod) relies upon trip data within the *Traffic Impact Analysis* prepared by TJW Engineering, Inc. (dated May 7, 2015) and project-specific land use data to calculate emissions. The proposed project includes the development of 47 single-family detached residential units. Therefore, *Table 4.7-1, Estimated Greenhouse Gas Emissions*, presents the estimated CO_2, CH_4, and N_2O emissions of the proposed project. The CalEEMod outputs are contained within the *Appendix B, Air Quality/Greenhouse Gas Data*.

DIRECT PROPOSED PROJECT-RELATED SOURCES OF GREENHOUSE GASES

Construction Emissions. Construction GHG emissions are typically summed and amortized over the lifetime of a project (assumed to be 30 years), then added to the operational emissions.[12] As seen in *Table 4.7-1,* the proposed project would result in 19.40 $MTCO_2eq/yr$ (amortized over 30 years).

Table 4.7-1
Estimated Greenhouse Gas Emissions

Source	CO_2	CH_4		N_2O		Total $MTCO_2eq/yr$[3]
	MT/yr[1]	MT/yr[1]	$MTCO_2eq/yr$[2]	MT/yr[1]	$MTCO_2eq/yr$[2]	
Construction (amortized over 30 years)	19.40	0.01	0.25	0.00	0.00	19.66
Area Source	15.38	0.02	0.50	0.00	0.00	15.90
Mobile Source	673.48	0.03	0.58	0.00	0.00	674.09
Energy	172.86	0.01	0.25	0.00	0.00	173.12
Water Demand	18.52	0.10	2.50	0.00	0.00	21.12
Waste	11.15	0.66	16.50	0.00	0.00	28.31
Total Proposed Project-Related Emissions[3]	***932.20 $MTCO_2eq/yr$***					

12 The project lifetime is based on the standard 30-year assumption of the South Coast Air Quality Management District (http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-13/ghg-meeting-13-minutes.pdf?sfvrsn=2).

Notes: 1. Emissions calculated using California Emissions Estimator Model (CalEEMod). 2. Carbon dioxide equivalent values calculated using the United States Environmental Protection Agency Website, *Greenhouse Gas Equivalencies Calculator*, http://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator, accessed March 8, 2016. 3. Totals may be slightly off due to rounding. Due to rounding, the results given by the equation calculations used in the *Greenhouse Gas Equivalencies Calculator*, may not return the exact results shown in CalEEMod.
Refer to *Appendix B*, *Air Quality/Greenhouse Gas Data*, for detailed model input/output data.

Area Source. Area source emissions were calculated using CalEEMod and project-specific land use data. As noted in *Table 4.7-1*, the proposed project would result in 15.90 $MTCO_2eq/yr$ of area sources GHG emissions.

Mobile Source. CalEEMod relies upon trip data within the *Traffic Impact Analysis* and project specific land use data to calculate mobile source emissions. The proposed project would directly result in 674.09 $MTCO_2eq/yr$ of mobile source-generated GHG emissions; refer to *Table 4.7-1*.

INDIRECT PROPOSED PROJECT-RELATED SOURCES OF GREENHOUSE GASES

Energy Consumption. Energy consumption emissions were calculated using CalEEMod and project-specific land use data. Electricity would be provided to the project site via Southern California Edison. The proposed project would indirectly result in 173.12 $MTCO_2eq/yr$ due to energy consumption; refer to *Table 4.7-1*.

Water Demand. The proposed project's operations would result in a demand of approximately 4.99 million gallons of water per year. Emissions from indirect energy impacts due to water supply would result in 21.12 $MTCO_2eq/yr$; refer to *Table 4.7-1*.

Solid Waste. Solid waste associated with operations of the proposed project would result in 28.31 $MTCO_2eq/yr$; refer to *Table 4.7-1.*

TOTAL PROPOSED PROJECT-RELATED SOURCES OF GREENHOUSE GASES

As shown in *Table 4.7-1*, the total amount of project-related GHG emissions from direct and indirect sources combined would total 932.20 $MTCO_2eq/yr$.

Although the proposed project's GHG emissions are below the 3,000 $MTCO_2eq/yr$ GHG threshold, the proposed project includes design features that would further reduce project-related GHG emissions. The proposed project would comply with Title 24 requirements as well as the *California Green Building Code* standards. The project would install energy efficient lighting and appliances throughout the project site. Additionally, the proposed project would install water efficient irrigation systems, and incorporate water reducing features and fixtures into the buildings. Due to the project site's location, existing public transportation options (bus service) are in proximity to the project site. The project site is served by LA Metro and Foothill Transit. Further, the project is an infill project located close to commercial centers that include restaurants, retail shops, and other service uses making it possible to walk to many daily needs, thereby reducing vehicle trips.

As shown in *Table 4.7-1*, operational-related emissions would be 932.20 $MTCO_2eq/yr$, which are below the 3,000 $MTCO_2eq/yr$ threshold. The proposed project's energy, transportation,

water, and solid waste efficiency design features would further reduce project-related GHG emissions. Therefore, the proposed project would result in a less than significant impact with regard to GHG emissions.

b) *Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?* ***Determination: Less Than Significant Impact***

No applicable plans, policies, or regulations adopted for the purpose of reducing GHG emissions apply to the project area. Therefore, the proposed project would not conflict with an adopted plan, policy, or regulation pertaining to GHGs. Also, the proposed project would result in operational GHG emissions that are below the 3,000 $MTCO_2eq/yr$ threshold. The proposed project would also include design features to reduce emissions associated with vehicle trips, energy and water consumption. Thus, a less than significant impact would occur in this regard.

4.8 HAZARDS AND HAZARDOUS MATERIALS

HAZARDS AND HAZARDOUS MATERIALS - Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☑	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the 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?	☐	☐	☐	☑

HAZARDS AND HAZARDOUS MATERIALS - Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☑
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☑
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☑	☐
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	☐	☐	☑	☐

A Limited Phase I Environmental Site Assessment (Phase I ESA) was completed for the project site in July 2014 by Ecobility Corporation; refer to *Appendix D*. The Phase I ESA included a site assessment; consultation with relevant regulatory officials and personnel associated with the subject site and adjoining properties with knowledge of the site and its history; review of topographic maps, aerial photographs, and site photographs; review of Sanborn Fire Insurance maps, City directories and database search findings; and, a Tier I Vapor Encroachment Assessment, in order to best understand conditions onsite.

Would the project:

a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? ***Determination: Less Than Significant Impact***

The transport, use, and/or disposal of hazardous materials can result in the accidental release of chemicals that may present a risk to the public. The transport of materials is often directly related to the uses present within a development such as industrial and manufacturing operations. The project proposes development of residential land uses that would not typically involve the routine transport or use of hazardous materials; however, during the

construction phase of the project, hazardous materials would be present due to the machinery used during this stage of the project. While total prevention of accidental onsite discharge of hazardous materials is not possible, activities relative to construction and operation of the proposed development are not anticipated to present substantial risk of hazard. Impacts related to routine transport of hazardous materials would be less than significant. Refer also to *Appendix D* for more detailed information pertaining to the findings of the Phase I ESA, including the database search.

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?* ***Determination: Less than Significant Impact***

Refer to Response 4.8(a), above. Due to the nature of the proposed use (single-family residential), the project is not anticipated to 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. During the construction phase of the project, there is the possibility that hazardous materials (i.e. oil, paint, solvents, gasoline from construction vehicles and/or equipment, etc.) may be released into the environment; however, due to the anticipated short-term construction period of the project, the risk associated with release of hazardous chemicals is considered to be less than significant. During this phase, contractors would be subject to applicable construction regulations and safety procedures in order to reduce the risk of contamination to the greatest degree possible. In the event of a hazardous materials contamination, containment and remediation of the incident would be subject to all local, State, and federal regulations. With implementation of applicable construction safety standards and hazardous materials handling requirements, project impacts related to the release of hazardous materials would be less than significant.

Additionally, the Phase I ESA for the main project site (see *Appendix D*) was prepared in conformance with the scope and limitation of ASTM E 1527-13, Standard Practice for Environmental Site Assessments. The Phase I ESA evaluated the potential for known hazardous sites in the area to potentially affect the subject property. Review of federal, State, and local regulatory databases was performed to evaluate the project site and known or suspected sites of environmental contamination within the applicable search distance from the subject property, as specified in ASTM Standard E 1527-13. The search determined that the subject site is not listed on any federal, State, or local regulatory databases.

A Tier 1 assessment was conducted in general accordance with ASTM E 2600-10 relative to potential soil vapor emissions. No sites with the standard 1/3-mile study area radius or area of concern were identified as existing or as likely existing vapor encroachment conditions relative to the project site.

A Recognized Environmental Condition (REC) indicates the presence of, or likely presence of, any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products, even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk

to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. The identification of RECs in connection with the subject site may impose an environmental liability on owners or operators of the site, reduce the value of the site, or restrict the use or marketability of the site, and therefore, further investigation may be warranted to evaluate the scope and extent of potential environmental liabilities. Similarly, a Historic REC 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 residential use criteria established by a regulatory authority, without subjecting the property to any required control. Additionally, a Controlled Recognized Environmental Condition (CREC) is defined by ASTM as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by a regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (i.e., property use restriction, activity and use limitations, institutional controls or engineering controls). A condition identified as a CREC does not imply that the adequacy or continued effectiveness of the required control that has been, or is intended to be, implemented has been evaluated or confirmed.

The Phase I ESA revealed no evidence of Recognized Environmental Conditions (RECs), Historical RECs (HRECs), Controlled Recognized Environmental Conditions (CRECs) or de minimis environmental conditions in connection with the subject property, with one exception. The Phase I ESA identified one site, the San Gabriel Valley Area 2 Superfund Site (SGV Area 2), which represents a regional groundwater contamination plume that is located beneath the subject property (and surrounding lands), as well as a large portion of the San Gabriel Valley. The Superfund Site is considered to be an REC to lands affected by the proposed project.

The SGV Area 2 Superfund Site is one of four known regional Superfund sites addressing groundwater contamination in the San Gabriel Valley. Chemicals of concern involved with the Superfund Site include volatile organic compounds (VOCs), perchlorate, N-nitrosodimethylamine (NDMA), and 1,4-dioxane. The SGV Area 2 is undergoing active groundwater remediation and monitoring under the regulatory guidance of the United States Environmental Protection Agency (USEPA) Region IX and the Los Angeles Regional Water Quality Control Board (LARWQCB). The proximity of the Superfund Site to the proposed project site is considered an REC to the subject property.

The project would be served by the public water supply system operated by the Valley County Water District, which provides public water service to the City of Baldwin Park, and would therefore not be dependent upon groundwater. As such, the project would not require the use of groundwater supplies that may be contaminated, thereby reducing potential risk of health hazards to project residents. As the potential for identified hazardous conditions within the surrounding area to affect the project site were limited to underlying groundwater

conditions, it is not anticipated that such conditions would adversely affect the property and/or the health of future residents of the Pacific Villas community. The Phase I ESA concluded that, based on the information reviewed, no further assessment of the project site is required at this time.

With project compliance with relevant federal, State, and local regulations and polices pertaining to the proper handling, treatment, and disposal of potentially hazardous materials or wastes associated with the project site or surrounding properties, it is not anticipated that the project would 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. Impacts would be less than significant.

c) *Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?* ***Determination: Less than Significant Impact***

Refer to Responses 4.8(a) and (b), above. Several schools are located within the vicinity of the project site and include the following: Baldwin Park High School, located approximately 0.25 mile to the northeast at 3900 N. Puente Avenue; Jones Junior High School, located approximately 0.8 mile to the southwest at 14250 E. Merced Avenue; and, Central Elementary School, located approximately 0.1 mile to the north at 14741 Central Avenue.

Hazardous emissions are often defined as air toxins released from a variety of potential sources including but not limited to motor vehicles, dry cleaners, manufacturing plants and agricultural operations. Potential emissions could potentially occur at the project site due to the presence of machinery during the construction and demolition phases. Once constructed, the proposed project would consist of residential development, with associated landscaping, recreational amenities, and infrastructure improvements, which would not generally emit hazardous materials, due to their nature. During the initial construction and demolition phases, the project would be required to comply with regulations set for by the California Environmental Protection Agency. Compliance with these measures is intended to ensure the protection of air and water quality, as well as soil contaminant levels. Through compliance with applicable Cal/EPA laws during construction and operation of the project relative to potential hazardous waste generation or release within close proximity to a school, project impacts would be less than significant.

d) *Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?* ***Determination: No Impact***

Refer to Responses 4.8(a) and (b), above. Government Code §65962.5 refers to the "Hazardous Waste and Substances Site List," which is a list of facilities that may be subject to the Resource Conservation and Recovery Act (RCRA) corrective action program. Platform Esther is not identified on the list prepared by the Department of Toxic Substances Control (DTSC) pursuant to Government Code §65962.5. Therefore, the project site would not 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 not create a significant hazard to the public or the environment. No impact would occur.

e) *For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?* ***Determination: No Impact***

The airport nearest to the project site is the El Monte Airport, which is located approximately 4.6 miles west of the project site. The airport is under the jurisdiction of the Los Angeles County Airport Land Use Commission. According to the Los Angeles County Airport Land Use Plan El Monte Airport Map, the project site is not located within the El Monte Airport Influence area. Therefore, no impact related to airport land use compatibility would occur.

f) *For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?* ***Determination: No Impact***

According to the Federal Aviation Administration (FAA) Airport Contacts Database, there are no private airstrips within the City of Baldwin Park or within two miles of the City boundary. The project is also not located within the boundary of the El Monte Airport Influence Area, located 4.6 miles west of the project site. Therefore, no impact would occur.

g) *Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?* ***Determination: Less than Significant Impact***

The Baldwin Park Multi-hazard Functional Plan and the Baldwin Park Emergency Preparedness Plan outline emergency response actions in the event of a hazardous materials emergency. The proposed project is not anticipated to result in significant impacts to emergency response or emergency evacuation plans. Future development onsite would be subject to all applicable City ordinances and design requirements, as well as review by local police and fire protection authorities, prior to project approval, to ensure that emergency access can be adequately maintained and/or provided. No offsite roadway improvements are proposed that would interfere with emergency access, response times, or impede circulation of emergency vehicles on surrounding roadways. As such, a less than significant impact would occur.

h) *Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?* ***Determination: Less than Significant Impact***

The project site is located within a highly urbanized environment and is surrounded by existing development on all sides. No wildlands are located within or adjacent to the City boundaries. Therefore, the potential for significant risk of loss, injury or death involving wildland fires is considered low; however, the project would be required to meet all building and fire code requirements. City review and approval of project design plans, as well as a building inspection conducted by City building officials, would be required prior to occupancy of the development to ensure that any required design measures have been implemented with regard to reducing the potential for fire events to occur. Impacts with regard to loss, injury, or death involving wildland fires would be less than significant.

4.9 HYDROLOGY AND WATER QUALITY

HYDROLOGY AND WATER QUALITY -- Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements?	☐	☐	☑	☐
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	☐	☐	☑	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	☐	☐	☑	☐
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	☐	☐	☑	☐
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	☐	☐	☑	☐
f) Otherwise substantially degrade water quality?	☐	☐	☑	☐

HYDROLOGY AND WATER QUALITY -- Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	☐	☐	☐	☑
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	☐	☐	☐	☑
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	☐	☐	☑	☐
j) Inundation by seiche, tsunami, or mudflow?	☐	☐	☐	☑

Would the Project:

a) *Violate any water quality standards or waste discharge requirements?* ***Determination: Less than Significant Impact***

Water discharge from project construction may consist of oil and grease, trash, heavy metals, and pathogens, as well as other potential pollutants. These potential discharges can be of concern for development projects, as damage to water bodies can occur. Regulation of discharges into these waters is the responsibility of the State Water Resources Control Board (SWRCB).

During the demolition and grading phase of the project, potential runoff into the surrounding drainage system could cause sediment, oil, and other construction debris to contaminate downstream water bodies. The SWRCB has adopted General Permit number CAS000002-Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction Activity (General Permit). This permit applies to most construction-related runoff within the State. The General Permit requires that all grading permits for projects over one acre are required to submit a Stormwater Pollution Prevention Plan (SWPPP) that outlines best Management Practices (BMPs) that will be used on the project site to keep all sediment resulting from grading activities contained on the project site. The SWPPP for the proposed project would be submitted to the Regional Water Quality Control Board Los Angeles Division. The implementation of the SWPPP would reduce the potential runoff associated with construction activities.

Once constructed, the residential project site would be required to develop and comply with a Water Quality Management Plan (WQMP) in order to reduce potential runoff and erosion to the greatest degree possible on the project site. Through compliance with the SWPPP during the construction phase, and WQMP during the operational phase, project impacts would be less than significant.

b) *Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?* ***Determination: Less than Significant Impact***

The project is located within the service boundaries of the Valley County Water District (VCWD). The VCWD serves the Cities of Azusa, Duarte, Irwindale, West Covina, and Baldwin Park. According to the VCWD 2013 Water Master Plan, the District as of 2012 had a demand of 8,098 AFY and projects that demand will rise to 9,846 AFY by 2035. The district obtains water from a variety of sources including imported water from Covina Irrigation Company, Main San Gabriel Basin Groundwater, and emergency water from the Upper San Gabriel Valley Municipal Water District. According to the Water Master Plan, the VCWD anticipates that the district population will increase from 69,784 (2010) to 75,978 (2035).

According to the California Department of Finance City/County Population and Housing Estimates (as of January 1, 2016), the number of persons per household (pph) is estimated to be approximately 4.46 for the City of Baldwin Park.[13] The project would allow for future construction of 47 single-family detached residential dwelling units, which could result in a population increase of approximately 210 persons, using the rate of 4.46 pph.

According to the projected total population for the District by the year 2030, the addition of the additional 210 residents who would live in the proposed project would not substantially increase water demand for the district to a level that the district could not meet with the current water distribution infrastructure.

The proposed project would also require the installation of new impervious surfaces which could increase runoff on the project site and may lead to a decrease in the amount of water recharged to the groundwater system within the project site; however, due to the small size of the project (3.6 acres), and the fact that the project design includes pervious, landscaped areas (refer to *Figure 5A, Conceptual Landscape Plan and Figure 5B, Conceptual Landscape Design Details*), the project is not anticipated to substantially deplete groundwater supplies or interfere substantially with groundwater recharge. Impacts would be less than significant.

Therefore, impacts related to the depletion of groundwater supplies and the interference of groundwater recharge would be less than significant.

13 California Department of Finance, Table 2: E-5 Population and Housing Estimates for Cities, Counties, and the State, 2011-2016, with 2010 Census Benchmark (updated January 1, 2016). http://www.dof.ca.gov/Forecasting/Demographics/Estimates/E-5/. Accessed July 19, 2016.

c) *Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner, which would result in substantial erosion or siltation on- or off-site?* ***Determination: Less Than Significant Impact***

The proposed project site is generally flat and does not contain any substantial natural drainage features, such as a stream or river. Under current conditions, runoff from the project ultimately discharges into existing drainage facilities located within Pacific Avenue. The project proposes installation of new onsite drainage and stormwater infrastructure that would collect any onsite runoff allow it to infiltrate onsite soils and/or be treated onsite and discharged to the existing storm drain in Pacific Avenue. In order to ensure that sediment would not enter the onsite system, preparation of an Erosion Control Plan would be required by the City, prior to commencement of construction on the project site. Therefore, with consideration for the disturbed nature of the project site and the proposed use of onsite and offsite stormwater infrastructure, impacts related to alteration of existing drainage patterns would be less than significant.

d) *Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner, which would result in flooding on or off-site?* ***Determination: Less than Significant Impact***

As noted above, the main project site is undeveloped and is relatively flat. Onsite grading would be limited to approximately 2,400 c.y. of balanced cut-and-fill and would not substantially change the existing topography of the site. The project site does not contain any naturally occurring water features such as streams or rivers. The project would be required to develop a Water Quality Management Plan as well as a SWPPP prior to the beginning of construction. Integrated landscaping onsite would also allow for infiltration and would minimize the potential for runoff from the property; refer to *Figure 5A, Conceptual Landscape Plan*. Additionally, onsite improvements for stormwater treatment (i.e. stormwater chamber, etc.) are proposed for onsite retention and treatment of stormwater; refer to *Figure 4A, Tentative Tract Map*. As such, the project would have a less than significant impact related to flooding on- and offsite.

e) *Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?* ***Determination: Less Than Significant Impact***

Refer to Responses 4.9(a) and (d), above. The proposed project includes construction of 47 residential dwelling units, access drives, and other surfaces that would increase the impervious surface area onsite as compared to the existing condition. Project construction would not result in an increase in stormwater runoff from the site. The project has been designed to facilitate infiltration of runoff in onsite landscaped areas and through improvements for stormwater retention onsite; refer to *Figure 4A* and *Figure 4B*. Due to the minimal runoff anticipated for the project site and the use of design elements to improve infiltration of water onsite, substantial polluted runoff would not occur as a result of the project. Therefore, impacts would be less than significant.

f) Otherwise substantially degrade water quality? ***Determination: Less Than Significant***

Refer to the responses provided in 4.9(a) and 4.9(e), above. The proposed project would have a less than significant impact related to water quality.

g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? ***Determination: No Impact***

The main project site and the five parcels affected by the project are not located within a FEMA Flood Insurance Rate Map (FIRM) 100-Year Flood zone [per Flood Insurance Rate Map 06037C1700F, dated September 26, 2008, as published by the Federal Emergency Management Agency (FEMA)]. The affected lands are designated as Zone X, which is the designation for areas outside of the 500-year floodplain. As such, no impact would occur.

h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows? ***Determination: No Impact***

Refer to response 4.9(g) above. The project is not located within a 100-year floodplain. As such, the project would not place structures within the 100-year floodplain. No impact would occur.

i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? ***Determination: Less than Significant Impact***

As noted in response 4.9(h) above, the project site (and the five affected surrounding parcels) are not located within a 100- or 500-year floodplain, and as such, flooding as a result of heavy storm flows resulting in loss, injury, or death is of low risk; however, due to the seismic activity within the San Gabriel Valley, concerns related to potential dam or levee failure are a reality for the project site. According to the Baldwin Park General Plan, failure of the Santa Fe Dam, located along the San Gabriel River to the north of the City, could lead to flooding within the City which could reach a maximum of 12 feet of water within the areas closest to the Dam; however, the project site is located south of the dam, and therefore, flood risk and severity are substantially lower (General Plan, PS-6). Although the risk of flooding as a result of the failure of the Santa Fe Dam is possible, the performance of the dam in past seismic events and the limited time that dam contains water throughout the year reduces this risk greatly (General Plan, PS-4). Therefore, impacts will be less than significant.

j) Inundation by seiche, tsunami, or mudflow? ***Determination: No Impact***

The project site is located approximately 25 miles from the nearest coastline. This greatly reduces the potential for impacts relates to seiche and tsunami. The City of Baldwin Park is not included in the California Department of Conservation Los Angeles County Tsunami Inundation Map. Continuing, the location of the project site several miles east of the ocean reduces the risk of inundation resulting from seiche. Due to the relatively flat topography and urban development in the vicinity of the project site, inundation as a result of mudflow is of low risk for the project site. Therefore, impacts would not occur.

4.10 LAND USE AND RELEVANT PLANNING

LAND USE AND PLANNING - Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Physically divide an established community?	☐	☐	☑	☐
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☑	☐
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	☐	☐	☐	☑

Would the Project:

a) *Physically divide an established community?* ***Determination: Less Than Significant Impact***

The main project site is comprised of approximately 3.2 acres (four parcels total) and is presently vacant and highly disturbed. To the northwest, the main site is bordered by a large-scale multi-family residential complex. To the north/northeast, single-family residential uses are present. To the east/southeast are single-family residential uses and a church. Pacific Avenue borders the main project site to the southwest, with single-family and multi-family residential uses present along the roadway within the vicinity. Several small-scale commercial uses (i.e., gas stations, retail stores) are also present further to the southeast along Pacific Avenue.

The project would also affect five additional parcels as a result of the proposed GPA/rezone. As no physical development is proposed on these lands, the project would not result in a division of an established community with regard to these properties.

The proposed project would be an infill development for the community that would be surrounded by existing urban development. The General Plan identifies Pacific Avenue within proximity of the project site as a Collector roadway. Along its length, the corridor supports a variety of residential and commercial land uses.

The project would allow for a zone reclassification and General Plan land use change that would allow for future residential development onsite, consistent with existing zoning and General Plan land use on adjoining properties. As such, the proposed project is not anticipated to result in a land use that would cause a physical division within the community,

and instead, would allow for future development consistent with surrounding lands. Development of the proposed project would not divide any existing established development in the surrounding area, as all development would occur onsite within the project boundaries. Additionally, the project does not propose the construction of any new roadways that could create a physical barrier or restrict existing circulation patterns. Therefore, the proposed project will not physically divide an established community. The project will result in a less than significant impact with regard to physical division of a community.

b) *Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?* ***Determination: Less than Significant Impact***

The project is located in the City of Baldwin Park and is therefore subject to compliance with the City's adopted plans, policies and regulations. The project site is not within the boundaries of an adopted local coastal program, and therefore, is not subject to such regulations.

The project would involve a GPA and ZC to change the existing land use designations and zoning classifications of five additional parcels in the surrounding area; refer to *Table 1-1, Existing/Proposed Zoning and General Plan Land Use*, which identifies the existing and proposed land use designations and zoning classifications for all parcels affected by the proposed project. As stated above, no physical development on these five parcels would occur with the project, and conditions on these properties would remain the same as under current conditions. These five parcels are not part of the Specific Plan prepared for the Pacific Villas project. Although the project requires City approval of a GPA and ZC, the project would be considered consistent with the City's General Plan and Municipal Code with City approval.

Additionally, the project would be subject to all requirements and development guidelines as provided in the Pacific Villas Specific Plan prepared for the project. The Specific Plan would allow the main project site to be developed in accordance with the City's adopted General Plan, Single-Family Residential Design Guidelines, and the City's Municipal Code, or as otherwise proposed with the Specific Plan and approved by the City through the discretionary process. As such, project conformance with the Specific Plan would ensure compliance with the above-mentioned regulations, and no conflict would occur.

Therefore, the project would not conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect. A less than significant impact would occur.

c) *Conflict with any applicable habitat conservation plan or natural community conservation plan?* ***Determination: No Impact***

Baldwin Park is not within the jurisdiction of any habitat conservation plan, natural community conservation plan, or any other approved local, regional, or State habitat conservation plan. The closest designated habitat conservation area is a County of Los

Angeles Significant Ecological Area (SEA) (Area #19, San Gabriel Canyon).14 The SEA is located approximately 1.8 miles to the north of the project site. Therefore, the proposed project would not result in an impact with regard to conflict with an adopted conservation plan. No impact would occur.

4.11 MINERAL RESOURCES

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

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?* ***Determination: Less Than Significant Impact***

The State Mining and Geology Board (SMGB) establishes Mineral Resources Zones (MRZs) to designate lands that contain mineral deposits. The classifications used by the State to define MRZs are as follows:

- MRZ-1: Areas where the available geologic information indicates no significant likelihood of significant mineral deposits.
- MRZ-2a: Areas where the available geologic information indicates that there are significant mineral deposits.
- MRZ-2b: Areas where the available geologic information indicates that there is a likelihood of significant mineral deposits.
- MRZ-3a: Areas where the available geologic information indicates that mineral deposits exist. However, the significance of the deposit is undetermined.

14 Los Angeles County Department of Regional Planning. General Plan 2035. Conservation and Natural Resources Element. Figure 9.3, Significant Ecological Areas and Coastal Resources Areas. Adopted October 6, 2015. http://planning.lacounty.gov/assets/upl/project/gp_2035_2014-FIG_9-3_significant_ecological_areas.pdf. Accessed March 7, 2016.

- MRZ-3b: Areas where the available geologic information indicates that mineral deposits are likely to exist. However, the significance of the deposit is undetermined.
- MRZ-4: Areas where there is not enough information available to determine the presence or absence of mineral deposits.

As stated in the City of Baldwin Park General Plan Final Program EIR, since 1982, all of Baldwin Park has been designated by the State Geologist as a Mineral Resource Zone 2 (MRZ-2) where "adequate information indicates that significant mineral deposits are present or where it is judged that a high likelihood for their presence exists." This designation also applies to substantial acreage throughout the adjacent cities of Azusa and Irwindale, where active surface mining operations are present. Such areas contain aggregate resources, commonly known as gravel, which is considered to be an important construction material; however, as the City of Baldwin Park is nearing buildout, the areas containing significant mineral resources are largely developed.

As stated above, a significant impact on mineral resources would occur if a project were to result in a loss of availability of a known mineral resource of value to the region or the State. Implementation of the proposed project may therefore have the potential to impact mineral resources, due to the MRZ-2 classification. As stated in the General Plan Final Program EIR, “given the MRZ-2 designation and the active extraction activities in surrounding areas, it is highly likely that mineral resources exist in the City of Baldwin Park;” however, the EIR also states that “the City is largely built out with urban uses that are incompatible with mineral extraction and/or surface mining activities.” Additionally, General Plan policy does not provide for mining activities to occur within the City. The General Plan Final Program EIR indicates that because mining use is not required by any applicable State law or local ordinance, and because in a regional context, potential mineral resources in the City are limited in extent and are largely inaccessible due to urbanization, impacts on aggregate resources are not considered to be significant.

The proposed project would be required to comply with applicable State and local regulations relative to mineral resources, as applicable to development of the subject site; however, due to the above reasons, project impacts on mineral resources are considered to be less than significant.

b) *Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?* ***Determination: Less Than Significant Impact***

Refer to Response 4.11(a), above. Due to existing conditions onsite and within the City of Baldwin Park, the proposed project would not result in the loss of availability of a locally important mineral resource recovery site delineated on the General Plan, Specific Plan, or other land use plan. Impacts would be less than significant.

4.12 NOISE

NOISE – Would the project result in:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☑	☐	☐
b) Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?	☐	☐	☑	☐
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☐	☑	☐
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☐	☑	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☑
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☑

Sound is mechanical energy transmitted by pressure waves in a compressible medium such as air, and is characterized by both its amplitude and frequency (or pitch). The human ear does not hear all frequencies equally. In particular, the ear de-emphasizes low and very high frequencies. To better approximate the sensitivity of human hearing, the A-weighted decibel scale (dBA) has been developed. On this scale, the human range of hearing extends from approximately three dBA to around 140 dBA.

Noise is generally defined as unwanted or excessive sound, which can vary in intensity by over one million times within the range of human hearing; therefore, a logarithmic scale, known as the decibel scale (dB), is used to quantify sound intensity. Noise can be generated by a number of sources, including mobile sources such as automobiles, trucks, and airplanes, and stationary sources such as construction sites, machinery, and industrial operations. Noise generated by mobile sources typically attenuates (is reduced) at a rate between 3 dBA and 4.5 dBA per doubling of distance. The rate depends on the ground surface and the number or type of objects between the noise source and the receiver. Hard and flat surfaces, such as concrete or asphalt, have an attenuation rate of 3 dBA per doubling of distance. Soft surfaces, such as uneven or vegetated terrain, have an attenuation rate of about 4.5 dBA per doubling of distance. Noise generated by stationary sources typically attenuates at a rate between 6 dBA and about 7.5 dBA per doubling of distance.

There are a number of metrics used to characterize community noise exposure, which fluctuate constantly over time. One such metric, the equivalent sound level (L_{eq}), represents a constant sound that, over the specified period, has the same sound energy as the time-varying sound. Noise exposure over a longer period of time is often evaluated based on the Day-Night Sound Level (L_{dn} or DNL). This is a measure of 24-hour noise levels that incorporates a 10-dBA penalty for sounds occurring between 10:00 p.m. and 7:00 a.m. The penalty is intended to reflect the increased human sensitivity to noises occurring during nighttime hours, particularly at times when people are sleeping and there are lower ambient noise conditions. Typical L_{dn} noise levels for light and medium density residential areas range from 55 dBA to 65 dBA.

CITY OF BALDWIN PARK

General Plan

The Noise Element of the City of Baldwin Park *2020 General Plan* adopted standards for noise compatibility for land uses. The guidelines categorize the land uses in terms of community noise exposure; refer to *Table 4.12-1*, *Noise and Land Use Compatibility*. The guidelines are intended to be used as one of the many factors used in the land use planning process.

Table 4.12-1
Noise and Land Use Compatibility

Land Use Categories	Community Noise Equivalent Level CNEL						
	55	60	65	70	75	80	85
Residential – Single Family, Multi-Family, Duplex	A	A	B	B	C		
Residential – Mobile Homes	A	A	B	C	C		
Transient Lodging – Motels, Hotels	A	A	B	B	C	C	
Schools, Libraries, Churches, Hospitals, Nursing Homes	A	A	B	C	C		
Auditoriums, Concert Halls, Amphitheater, Meeting Halls	B	B	C	C			
Sports Arenas, Outdoor Spectator Sport, Amusement Parks	A	A	A	B	B		
Playgrounds, Neighborhood Parks	A	A	A	B	C		
Golf Courses, Riding Stables, Cemeteries	A	A	A	A	B	C	C
Office and Professional Buildings	A	A	A	B	B	C	
Commercial Retail, Banks, Restaurants, Theaters	A	A	A	A	B	B	

Table 4.12-1, continued

Land Use Categories	Community Noise Equivalent Level CNEL						
	55	60	65	70	75	80	85
Industrial, Manufacturing, Utilities, Wholesale, Service Stations	A	A	A	A	B	B	B
Agriculture	A	A	A	A	A	A	A

Zone A – Clearly Compatible – Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction without any special noise insulation requirements.
Zone B – Conditionally Acceptable – New construction or development should be undertaken only after detailed analysis of the noise reduction requirement is made and needed noise insulation features in the design are determined. Conventional construction, with closed windows and fresh air supply systems or air conditioning, will normally suffice.
Zone C – Normally Incompatible – New construction or development should generally be discouraged. If new construction or development does proceed, a detained analysis of noise reduction requirements must be made and needed noise insulation features included in the design.
Shaded areas – Shaded areas indicate new construction or development should generally not be undertaken.

Source: City of Baldwin Park, *City of Baldwin Park 2020 General Plan Noise Element*, 2002, http://cdm16255.contentdm.oclc.org/cdm/ref/collection/p266301ccp2/id/867, Accessed February 25, 2016

According to the City's Noise Element, freeways, roadways, railroads, and stationary sources, such as large commercial centers, industrial locations, and rock quarries, are the principal noise sources in the City.

Code of Ordinances

The City's standards for governing environmental noise are set forth in Chapter 130 (General Offenses, Noise Control) of the City of Baldwin Park *Code of Ordinances*. The City of Baldwin Park *Code of Ordinances*, Section 130.37(E), *Special Noise Sources (Construction of Buildings and Projects)* provides exception to noise during construction of buildings and projects; "It is unlawful for any person within a residential zone, or within a radius of 500 feet therefrom, to operate equipment or perform any outside construction or repair work on buildings, structures, or projects or to operate any pile driver, power shovel, pneumatic hammer, derrick, power hoist, or any other construction type device (between the hours of 7:00 p.m. of one day and 7:00 a.m. of the next day) in such a manner that a reasonable person of normal sensitiveness residing in the area is caused discomfort or annoyance unless beforehand a permit therefore has been duly obtained from the Department of Public Works. No permit shall be required to perform emergency work as defined in Section 130.31." Additionally, the City has defined ambient base noise levels within designated zones; refer to *Table 4.12-2, City of Baldwin Park Code of Ordinances Noise Standards*.

Table 4.12-2
City of Baldwin Park Exterior Noise Standards

Zone	Allowable Noise Level (dBA)	Time
Residential	55 dBA	7 a.m. – 7 p.m. (Day)
Residential	50 dBA	7 p.m. – 10 p.m. (Evening)
Residential	45 dBA	10 p.m. – 7 a.m. (Night)
Commercial	65 dBA	7 a.m. – 10 p.m. (Day and Evening)
Commercial	55 dBA	7 p.m. – 7 a.m. (Night)
Industrial	65 dBA	Anytime

Source: City of Baldwin Park, Chapter 153: Zoning Code. https://www.baldwinpark.com/docssidemenu/community-development/planning/zoning-code-individual-elements/426-153-140-performance-standards/file. Accessed June 3, 2016.

EXISTING CONDITIONS

Stationary Sources

The project area is located within an urbanized area. The primary sources of stationary noise in the project vicinity are urban-related activities (i.e., mechanical equipment, residential/retail areas, parking areas, and pedestrians). The noise associated with these sources may represent a single-event noise occurrence, short-term, or long-term/continuous noise.

Mobile Sources

The majority of the existing mobile noise in the project area is generated from vehicle sources along Pacific Avenue.

NOISE MEASUREMENTS

In order to quantify existing ambient noise levels in the project area (vicinity of the project site), two noise measurements were taken on February 24, 2016; refer to *Table 4.12-3, Noise Measurements*. The noise measurement sites were representative of typical existing noise exposure within and immediately adjacent to the project site. Ten-minute measurements were taken, between 1:40 p.m. and 2:10 p.m. Short-term (L_{eq}) measurements are considered representative of the noise levels throughout the day.

Table 4.12-3
Noise Measurements

Site No.	Location	L_{eq} (dBA)	L_{min} (dBA)	L_{max} (dBA)	Peak (dBA)	Time
1	Residential area adjoining the project site to the northeast (Jeremie Street)	56.7	34.4	71.0	72.0	1:40 p.m.
2	Residential area adjoining the project site to the southwest (Pacific Avenue)	68.1	48.5	82.1	98.8	1:56 p.m.

Source: Michael Baker International, February 24, 2016.

- **Measurement Site 1** was located in the residential area adjoining the northeast corner of the project site on Jeremie Street. Sources of peak noise included local landscaping activities and residents talking. The noise level monitored at Site 1 was 56.7 dBA L_{eq}.
- **Measurement Site 2** was located at the southwest corner of the project site near the adjoining residential area (Cambridge West Condominiums) on Pacific Avenue; approximately 150 feet from Big Dalton Avenue. Source of peak noise included street traffic on Pacific Avenue and dogs barking at the Cambridge West Apartments. The noise level monitored at Site 2 was 68.1 dBA L_{eq}.

Meteorological conditions were sunny and clear skies, warm temperatures, with light wind speeds (0 to 5 miles per hour), and low humidity. Noise monitoring equipment used for the ambient noise survey consisted of a Brüel & Kjær Hand-held Analyzer Type 2250 equipped with a Type 4189 pre-polarized microphone. The monitoring equipment complies with applicable requirements of the American National Standards Institute (ANSI) for Type I

(precision) sound level meters. The results of the field measurements are included in *Appendix E, Noise Data*.

Would the Project result in:

a) *Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?* ***Determination: Less Than Significant Impact With Mitigation Incorporated.***

It is difficult to specify noise levels that are generally acceptable to everyone; noise that is considered a nuisance to one person may be unnoticed by another. Standards may be based on documented complaints in response to documented noise levels, or based on studies of the ability of people to sleep, talk, or work under various noise conditions. However, all such studies recognize that individual responses vary considerably. Standards usually address the needs of the majority of the general population.

SHORT-TERM CONSTRUCTION

Construction of the proposed project would occur over approximately 24 months and would include site preparation, grading, paving, construction of single family homes, and the application of architectural coatings. Ground-borne noise and other types of construction-related noise impacts would typically occur during excavation activities of the grading phase. This phase of construction has the potential to create the highest levels of noise. Typical noise levels generated by construction equipment are shown in *Table 4.12-4, Maximum Noise Levels Generated by Construction Equipment*. It should be noted that the noise levels identified in *Table 4.12-4* are maximum sound levels (L_{max}), which are the highest individual sound occurring at an individual time period. Operating cycles for these types of construction equipment may involve one or two minutes of full power operation followed by three to four minutes at lower power settings. Other primary sources of acoustical disturbance would be due to random incidents, which would last less than one minute (such as dropping large pieces of equipment or the hydraulic movement of machinery lifts).

Table 4.12-4
Maximum Noise Levels Generated by Construction Equipment

Type of Equipment	Acoustical Use Factor[1]	L_{max} at 50 Feet (dBA)
Concrete Saw	20	90
Crane	16	81
Concrete Mixer Truck	40	79
Backhoe	40	78
Dozer	40	82
Excavator	40	81
Forklift	40	78
Paver	50	77
Pile Driver (impact)	20	101
Pile Driver (sonic)	20	96
Roller	20	80
Tractor	40	84
Water Truck	40	80
Grader	40	85
General Industrial Equipment	50	85

Table 4.12-4, Notes

1	Acoustical Use Factor (percent): Estimates the fraction of time each piece of construction equipment is operating at full power (i.e., its loudest condition) during a construction operation.
Source:	Federal Highway Administration, *Roadway Construction Noise Model (FHWA-HEP-05-054)*, January 2006.

It is anticipated that construction activities would occur between the hours of 7:00 a.m. and 7:00 p.m., Monday through Saturday, and are less likely to occur on Sundays and holidays. Additionally, all construction activities would be required to comply with the current City's General Plan, noise ordinance and applicable state and federal regulations. Construction would occur throughout the project site and would not be concentrated or confined in the area directly adjacent to sensitive receptors. It should be noted that the noise levels depicted in *Table 4.12-4* are maximum noise levels, which would occur sporadically when construction equipment is operated in proximity to sensitive receptors. Given the sporadic and variable nature of proposed project construction and the implementation of noise limits specified in the *Code of Ordinances*, noise impacts would be reduced to a less than significant level. Additionally, to further reduce the potential for noise impacts and nuisances, Mitigation Measure NOI-1 would be implemented to incorporate best management practices during construction. Implementation of Mitigation Measure NOI-1 would further minimize impacts from construction noise as it requires construction equipment to be equipped with properly operating and maintained mufflers and other state required noise attenuation devices. Thus, with mitigation, a less than significant noise impact would result from construction activities.

LONG-TERM OPERATIONAL IMPACTS

Off-Site Mobile Noise

Implementation of the proposed project would result in additional traffic on adjacent roadways, thereby increasing vehicular noise in the vicinity of existing and proposed land uses. According to the 2013 California Department of Transportation (Caltrans) Technical Noise Supplement to the Traffic Noise Analysis Protocol, doubling of traffic on a roadway would result in an increase of 3 dB. The 447 daily trips generated by the project would be nominal compared to the vehicle capacity of Pacific Avenue (a collector road with an allowed traffic volume of 27,500 vehicles per day; City of Baldwin Park *2020 General Plan*, 2002) and would not result in a perceptible increase of traffic noise levels. Therefore, a less than significant impact would occur in this regard.

On-Site Mobile Noise

The proposed project includes 47 single family residential units. The project site is located in a mostly developed residential area. Further, the project would generate 447 daily trips, and would be similar to the noise environment similar in the existing area (residential). Therefore, on-site traffic noise would not generate substantial noise levels in exceedance of City Standards, and a less than significant impact would occur.

Stationary Noise Impacts

The project proposes 47 residential dwelling units. Noise that is typical of residential areas includes children playing, pets, amplified music, mechanical equipment such as heating, ventilation, and air conditioning (HVAC) units used on-site, car repair, and home repair; typical of the surrounding residential area. Noise from residential stationary sources would primarily occur during the "daytime" activity hours. Noise impacts to surrounding uses associated with implementation of the proposed project are anticipated to be less than significant.

MITIGATION MEASURES:

NOI-1 Prior to Grading Permit issuance, the Project Applicant shall demonstrate, to the satisfaction of the Baldwin Park Public Works Department that the project complies with the following:

- Construction contracts specify that all construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers and other state required noise attenuation devices.
- Property owners and occupants located within 200 feet of the project boundary shall be sent a notice, at least 15 days prior to commencement of construction of each phase, regarding the construction schedule of the proposed project. A sign, legible at a distance of approximately 50 feet shall be posted at the project construction site. All notices and signs shall be reviewed and approved by the City of Baldwin Park Planning Department, prior to mailing or posting and shall indicate the dates and duration of construction activities, as well as provide a contact name and a telephone number where residents can inquire about the construction process and register complaints.
- The Contractor shall provide evidence that a construction staff member will be designated as a Noise Disturbance Coordinator and will be present on-site during all construction activities. The Noise Disturbance Coordinator shall be responsible for responding to any local complaints about construction noise. When a complaint is received, the Noise Disturbance Coordinator shall notify the City within 24-hours of the complaint and determine the cause of the noise complaint (e.g., starting too early, bad muffler, etc.) and shall implement reasonable measures to resolve the complaint, as deemed acceptable by the Public Works Department. All notices that are sent to residential units immediately surrounding the construction site and all signs posted at the construction site shall include the contact name and the telephone number for the Noise Disturbance Coordinator.
- Construction noise reduction methods shall be used where feasible. These reduction methods include shutting off idling equipment, installing

temporary acoustic barriers around stationary construction noise sources, maximizing the distance between construction equipment staging areas and occupied residential areas, and electric air compressors and similar power tools.

- Construction haul routes shall be designed to avoid noise sensitive uses (e.g., residences, convalescent homes, schools, churches, etc.), to the extent feasible.
- During construction, stationary construction equipment shall be placed such that emitted noise is directed away from sensitive noise receptors.

b) *Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?*
Determination: Less Than Significant Impact

SHORT-TERM CONSTRUCTION

Project construction can generate varying degrees of ground-borne vibration, depending on the construction procedure and the construction equipment used. Operation of construction equipment generates vibrations that spread through the ground and diminish in amplitude with distance from the source. The effect on buildings located in the vicinity of the construction site often varies depending on soil type, ground strata, and construction characteristics of the receiver building(s). The results from vibration can range from no perceptible effects at the lowest vibration levels, to low rumbling sounds and perceptible vibration at moderate levels, to slight damage at the highest levels. Ground-borne vibrations from construction activities rarely reach levels that damage structures.

The Federal Transit Administration (FTA) has published standard vibration velocities for construction equipment operations. In general, the FTA architectural damage criterion for continuous vibrations (i.e., 0.20 inch/second) appears to be conservative. The types of construction vibration impact include human annoyance and building damage. Human annoyance occurs when construction vibration rises significantly above the threshold of human perception for extended periods of time. Building damage can be cosmetic or structural. Typical vibration produced by construction equipment is illustrated in *Table 4.12-5, Typical Vibration Levels for Construction Equipment*.

Table 4.12-5
Typical Vibration Levels for Construction Equipment

Equipment	Approximate peak particle velocity at 25 feet (in/sec)[1]	Approximate peak particle velocity at 20 feet (in/sec)[2]	Approximate peak particle velocity at 15 feet (in/sec)[2]
Large bulldozer	0.089	0.124	0.191
Loaded trucks	0.076	0.106	0.164
Small bulldozer	0.003	0.004	0.006
Jackhammer	0.035	0.049	0.075

1 Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Guidelines*, May 2006. Table 12-2.
2 Calculated using the following formula: $PPV_{equip} = PPV_{ref} \times (25/D)^{1.5}$
where: PPV (equip) = the peak particle velocity in in/sec of the equipment adjusted for the distance; PPV (ref) = the reference vibration level in in/sec from Table 12-2 of the FTA *Transit Noise and Vibration Impact Assessment Guidelines;* D = the distance from the equipment to the receiver

Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Guidelines*, May 2006. Table 12-2.

Ground-borne vibration decreases rapidly with distance. As indicated in *Table 4.12-5*, based on the FTA data, vibration velocities from typical heavy construction equipment operation that would be used during project construction range from 0.003 to 0.089 in/sec peak particle velocity (PPV) at 25 feet from the source of activity. The nearest sensitive receptors (residential uses to the northwest) are located approximately 15 feet from the grading and construction activity. With regard to the proposed project, ground-borne vibration would be generated primarily during grading activities on-site. As noted in *Table 4.12-5*, vibration at 15 feet would range from 0.006 to 0.191 PPV. Therefore, vibration from construction activities experienced at the nearest sensitive receptors (residences to the northwest) would be below the 0.20 inch-per-second PPV significance threshold. Because the project area is relatively flat, grading activities are considered to be minimal and short in duration. Therefore, vibration impacts would be less than significant.

LONG-TERM OPERATIONAL IMPACTS

The project proposes 47 single family residential units that would not generate ground-borne vibration that could be felt at surrounding uses. The proposed project would not involve railroads or substantial heavy truck operations, and therefore would not result in vibration impacts at surrounding uses. No impact would occur in this regard.

c) *A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?* ***Determination: Less Than Significant Impact.***

Refer to Response 4.12(a). Less than significant impacts would occur in this regard.

d) *A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?* ***Determination: Less Than Significant Impact.***

Refer to Response 4.12(a) and 4.12(b). Less than significant impacts would occur in this regard.

e) *For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?* ***Determination: No Impact.***

The nearest airport to the project site is the El Monte Airport located approximately 4.6 miles to the west. The proposed project is not located within an airport land use plan. Therefore, project implementation would not expose people residing or working in the project area to excessive noise levels associated with aircraft. No impacts would occur in this regard.

f) *For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?* ***Determination: No Impact.***

The project site is not located within the vicinity of a private airstrip or related facilities. Therefore, no impacts would occur in this regard.

4.13 POPULATION AND HOUSING

POPULATION AND HOUSING -- Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Induce substantial 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 housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☑
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☑

Would the Project:

a) *Induce substantial 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)?* ***Determination: Less than Significant Impact***

According to the California Department of Finance City/County Population and Housing Estimates (as of January 1, 2016), the number of persons per household (pph) is estimated to be approximately 4.46 for the City of Baldwin Park.[15] The Department of Finance indicates that overall population for the City is 74,738 (as of January 1, 2016).[16]

The project would allow for future construction of 47 single-family detached residential dwelling units, which could result in a population increase of approximately 210 persons, using the rate of 4.46 pph. The project would therefore result in an increase in the City's population of approximately 0.28%, which is not considered to be a substantial. The project would contribute to a minor increase in population growth, but not above the City's General Plan estimated year 2020 buildout projection of 84,885 persons. Therefore, the proposed project would not induce substantial population growth above that which is already approved and planned for by the City. As a result, a less than significant impact would result.

15 California Department of Finance, Table 2: E-5 Population and Housing Estimates for Cities, Counties, and the State, 2011-2016, with 2010 Census Benchmark (updated January 1, 2016). http://www.dof.ca.gov/Forecasting/Demographics/Estimates/E-5/. Accessed July 19, 2016.

16 Ibid.

b) *Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?* ***Determination: No Impact***

The project will construct 47 new single-family residential housing units. No housing units would be demolished with the project, and new housing opportunities would be provided. Implementation of the proposed project would not displace substantial numbers of existing housing that would necessitate the construction of replacement housing. Because the project site is vacant, no housing would be displaced as a result of project implementation, and therefore, no impact would occur.

c) *Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?* ***Determination: No Impact***

Refer to Response 4.13(b), above. There are no persons living on the main project site where development is proposed. Therefore, no impact would occur in this regard. Development is present on the five adjacent parcels associated with the proposed project (refer to Section 2.4, Project Characteristics, above); however, no future development would occur on these lands as a result of the project as proposed. Therefore, the project would not displace substantial numbers of people, necessitating the construction of replacement housing elsewhere. No impact would occur.

4.14 PUBLIC SERVICES

PUBLIC SERVICES	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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:				
Fire protection?	☐	☐	☑	☐
Police protection?	☐	☐	☑	☐
Schools?	☐	☐	☑	☐
Parks?	☐	☐	☑	☐
Other public facilities?	☐	☐	☑	☐

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:

1) Fire protection? ***Determination: Less Than Significant Impact***

Baldwin Park is contracted with the Los Angeles County Fire Department for fire protection/emergency services. The East Regional Operations Bureau serves Baldwin Park and reports to the Chief Deputy of Emergency Operations, and includes Division 2, 4, 8, and 9, representing 76 fire stations serving communities within the east side of Los Angeles County, with Division 2 serving Baldwin Park.

The nearest fire station is the County Fire Station #29, located at 14334 E Los Angeles Street and is approximately 0.9 mile to the northwest of the project site. The development of 47 new residential units would induce population growth, as identified in Response 4.12(a). Due to the limited number of proposed residential units, it is not anticipated that the project would result in the need for additional new or altered fire protection services and the project would not alter acceptable service ratios or response times, because of the infill nature of the project. It is not anticipated that implementation of the project would create the need for the development of additional fire facilities. The Fire Department will have an opportunity to review the project during the application process and development impact fees will be determined that will be paid by the applicant, which will contribute to the provision for future facilities as the City's population increases (if determined necessary). Therefore, less than significant impacts to fire protection services would occur with implementation of the proposed project.

2) Police protection? ***Determination: Less Than Significant Impact***

The City of Baldwin Park Police Headquarters are located at 14403 Pacific Avenue and is approximately 0.4 mile to the northwest of the project site. The proposed project would result in construction of 47 new single-family residential dwelling units that could induce population growth, as identified in Response 4.12(a), above. The project would not result in the need for additional new or altered police protection services and would not alter acceptable service ratios or response times because of existing services and the infill nature of the project. It is not anticipated that implementation of the project would create the need for the development of additional police facilities, as the Police Department would have an opportunity to review the project as part of the City's discretionary review process. Prior to issuance of a building permit, the project applicant would be subject to the payment of development impact fees, thereby contributing to the provision for future facilities as the City's population increases, as determined to be necessary. Therefore, a less than significant impact on police protection services would occur with implementation of the proposed project.

3) *Schools?* ***Determination: Less Than Significant Impact***

The development of 47 single-family residential dwelling units could directly induce some degree of population growth, as identified in Response 4.13(a). The project would add additional students to the Baldwin Park Unified School District. The School District currently has 13 elementary schools, 4 middle/junior high schools, and 3 high schools located within the District boundaries. The project area is served by the following schools: Baldwin Park High School, located approximately 0.25 mile to the northeast at 3900 N. Puente Avenue; Jones Junior High School, located approximately 0.8 mile to the southwest at 14250 E. Merced Avenue; and, Central Elementary School, located approximately 0.1 mile to the north at 14741 Central Avenue.

Any impacts to the provision of local school services or facilities would be mitigated by mandatory school impact fees that would be paid by the applicant. Therefore, project impacts are considered less than significant.

4) *Parks?* ***Determination: Less Than Significant Impact***

The City of Baldwin Park operates five parks within its boundaries which include Barnes Park, Hilda L. Solis Park, Morgan Park, Syhre Park, and Walnut Creek Nature Park.[17] Two of the City's five parks are within a relatively close proximity to the project site and include Morgan Park and Hilda L. Solis Park. Morgan Park is located approximately 0.6 mile to the northwest of the project site. Amenities at Morgan Park include a playground, splash pad, picnic shelters, soccer field, outdoor amphitheater, barbeques, restrooms, horseshoes, and supervised recreation. Hilda L. Solis Park is located approximately 0.2 mile north of the project site and amenities include a playground, outdoor fitness zone, picnic shelters, basketball courts, soccer field, barbeques, restrooms, and supervised recreation.

Residents also have access to approximately 169 acres of joint-use school playground facilities. In addition to the City parks, residents have access to County regional parks within and near the City. The Santa Fe Dam Regional Park consists of approximately 835 acres of open space, and the Whittier Narrows Regional Park and Nature Center consists of about 1,092 acres of park space.

The Conservation and Open Space Element of the Draft 2020 General Plan recognizes that limited park space exists in Baldwin Park. Goals and policies in the Element focus on enhancing existing parks, expanding joint-use agreements with the local school district, and providing additional park space. The shortage of park space in the City has resulted in a need for additional recreation facilities. Nearby regional park resources and playground facilities help to compensate for the lack of City parkland to some degree; however, such resources may not be conveniently located to serve residential neighborhoods, and park facilities do not always accommodate a community's specific needs.

17 City of Baldwin Park, Recreation Department, Recreation and Community Services. http://www.baldwinpark.com/index.php/recreation. Accessed March 8, 2016.

The proposed project would not induce significant population growth, as identified in Response 4.13(a). Additionally, the project proposes a private passive park facility within the residential development with amenities that may include an outdoor barbeque and a seating area. It is anticipated that the project would not result in the need for new or expanded parks or park facilities because of the relatively small population increase that the project would generate, combined with the fact that a private park would be provided for residents of the development. The Quimby Act (California Government Code Section 66477), originally passed in 1975, allows cities and counties to pass ordinances requiring that developers set aside land, donate conservation easements, or pay fees for park improvements, which would mitigate impacts to parks with implementation of the proposed project. The project applicant would be subject to the payment of park impact fees to ensure that public demand for park services does not adversely affect the City's ability to provide such amenities. Therefore, a less than significant impact on parks would occur with implementation of the proposed project.

5) *Other public facilities?* ***Determination: Less Than Significant Impact***

The Baldwin Park Library is located at 4181 Baldwin Park Boulevard and is approximately 0.8 mile to the northwest of the project site. The project would add residents that would potentially use public community library services. Impacts to library services are mitigated through income generated through property tax payments and development impact fees, which project implementation would contribute to. Therefore, project impacts are considered less than significant.

4.15 RECREATION

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

a) *Would the proposed 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?* ***Determination: Less Than Significant Impact***

Refer to Response 4.14(a)4) above. Five public parks are located within the City, which include Barnes Park, Hilda L. Solis Park, Morgan Park, Syhre Park, and Walnut Creek Nature Park, with Morgan Park and Hilda L. Solis Park located within a relatively close proximity to the project site. Residents also have access to approximately 169 acres of joint-use school playground facilities. Two County regional parks are located within and/or near the City and include the Santa Fe Dam Regional Park and the Whittier Narrows Regional Park and Nature Center.

As indicated in the 2020 General Plan Final Program EIR, City-owned parks and recreational facilities currently provide a ratio of approximately 0.4 acres of parkland per 1,000 City residents. This ratio of parkland to population is substantially below the three to five acres per 1,000 people standard established by many communities, and is further supported by the Subdivision Map Act. Available regional park resources and playground facilities help to compensate for the lack of parkland within the City of Baldwin to some extent; however, such amenities are not always conveniently located within proximity to residential neighborhoods, nor do all City park facilities accommodate specific community needs.

The General Plan Final Program EIR indicates that with buildout of the General Plan, impacts on the City's recreational resources would be significant and unavoidable, in part due to the largely urbanized nature of the City and the lack of available lands to create new parks or recreational facilities that would meet future demands. Emphasis is therefore placed on enhancing existing parks, creating new mini-parks, and expanding joint-use agreements with local schools, as well as preserving existing facilities and recreational programs. Implementation of the parks and recreation-related policies identified in the Open Space and Conservation Element of the General Plan would reduce some of the anticipated burden on existing parks and may provide additional park and recreation opportunities for the City's residents; however, given the extent of the current deficiency in parkland and other recreation facilities, utilization of available parks and facilities is anticipated to intensify substantially. Additionally, as there is no assurance that implementation of the proposed General Plan policies would result in sufficient additional park and recreation facilities to accommodate the increase in population, no feasible measures in addition to the General Plan policies are available to fully mitigate the significant impacts.

The proposed project would not induce substantial population growth, as identified in Response 4.13(a) above, and would not exceed the planned future growth anticipated with buildout of the General Plan. The addition of 210 persons utilizing the City's existing park/recreational facilities would not cause substantial physical deterioration or accelerate the deterioration of existing recreational facilities, as such an increase in population is considered to be a relatively small quantity relative to the City's overall population. Additionally, as stated above, the project proposes a linear paseo as part of the residential development. The paseo would be private and restricted to use by residents of Pacific Villas. The paseo would provide pedestrian walkways complemented by small gathering areas,

benches, landscaping, and other enhancements to encourage use by residents. A series of interior walkways is also proposed to provide linkage between the residential units and the paseo, as well as access to guest parking areas. Such recreational amenities would reduce potential project-related demands for recreational resources within the City.

Due to the low number of new residents that the project would generate (estimated 210 persons), it is not anticipated that the proposed development would result in the need for new or expanded parks or park facilities within the City. The Quimby Act (California Government Code Section 66477), as referenced above in Response 4.13(a)4), allows cities and counties to pass ordinances requiring developers to set aside land, donate conservation easements, and/or pay fees for park improvements. Such means would be used to mitigate potential impacts to parks with implementation of the proposed project. Therefore, project impacts with regard to recreation are considered to be less than significant.

b) *Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse effect on the environment?* ***Determination: Less Than Significant Impact***

Refer to Responses 4.14 (a)4) and 4.15(a), above. The proposed project will add 47 residential dwelling units that may potentially add 210 persons to the City's population. It is not anticipated that implementation of the proposed project would require the construction or expansion of offsite recreational facilities because of its relatively limited size. As the site is currently developed and/or highly disturbed, development of the proposed onsite recreational amenities within the existing setting is not anticipated to result in adverse environmental effects. Impacts would be less than significant.

4.16 TRANSPORTATION/TRAFFIC

TRANSPORTATION/TRAFFIC -- Would the project:	**Potentially Significant Impact**	**Less Than Significant with Mitigation Incorporation**	**Less Than Significant Impact**	**No Impact**
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	☐	☐	☑	☐

TRANSPORTATION/TRAFFIC -- Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
b) Conflict with an applicable congestion management program, including, but not limited to, level-of-service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads and highways?	☐	☐	☐	☑
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	☐	☐	☐	☑
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☑	☐
e) Result in inadequate emergency access?	☐	☐	☑	☐
f) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	☐	☐	☑	☐

The following analysis is based upon the Traffic Impact Analysis (TIA) conducted by TJW Engineering (March 2016) for the proposed project (refer to *Appendix F*). A total of five study intersections were examined in order to quantify traffic impacts that may result from the development of the proposed project. The study intersections are all located within the City of Baldwin Park with the exception of the Pacific Avenue/Bromley Avenue intersection which is in the City of West Covina (signalized). The intersections studied in the TIA were:

- Pacific Avenue/Big Dalton Avenue;
- Pacific Avenue/Puente Avenue;
- Pacific Avenue/Bromley Avenue (signalized);
- Root Street/Puente Avenue; and,
- Merced Avenue/Puente Avenue

The streets surrounding the project site vary in capacity and existing infrastructure, ranging from two-lane undivided roadways (i.e. Big Dalton Avenue, Bromley Avenue) to four-lane divided roadways (i.e. Pacific Avenue, Puente Avenue, Root Street, Merced Avenue).

There are no striped Class II bicycle lanes on study area roadways. The General Plan Circulation Element bikeways map identifies Pacific Avenue and Puente Avenue as areas for future Class III bicycle facilities. Sidewalks along roadways and curb ramps at intersections are present at all locations within the study area.

The City of Baldwin Park is served by Los Angeles Metro and Foothill Transit bus routes as well as the Baldwin transit shuttle. Foothill Transit Bus Route 178 runs between the Puente Hills Mall and the El Monte Station with stops at the Baldwin Park Metrolink station. In the project vicinity, Bus Route 178 runs along Pacific Avenue with a stop at the Pacific Avenue/Puente Avenue intersection approximately 1/10 of a mile from the proposed project site. Foothill Transit Bus Route 274 runs between the Baldwin Park Metrolink station and the City of Whittier. In the project vicinity, Bus Route 274 runs along Puente Avenue and Pacific Avenue with a stop at the Pacific Avenue/Puente Avenue intersection approximately 1/10 of a mile from the proposed project site. The Baldwin Park Transit Shuttle operates two transit lines that run in a circle around the city, one in a clockwise circulation pattern (Pumpkin Line), and one in a counterclockwise circulation pattern (Teal Line). The closest stop to the project site is at the Pacific Avenue/Puente Avenue intersection. Additionally, the Baldwin Park Metrolink station, which provides peak period service to Downtown Los Angeles, is approximately ½ mile from the proposed project site.

Peak hour traffic counts conducted for the project recorded existing level of service (LOS) for the study intersections ranging from LOS A to LOS B. *Table 4.16-1* below shows the recorded existing LOS for each of the intersections.

Table 4.16-1
Existing LOS Conditions

Intersection	AM Peak Hour	PM Peak Hour	Control Type
	V/C (Delay (LOS)	V/C (Delay (LOS)	
Merced Ave/Puente Ave	0.726 - C	0.800 - C	Signal
Pacific Ave/Big Dalton Ave	0.456 - A	0.557 - A	Signal
Pacific Ave/Puente Ave	0.615 - B	0.648 - B	Signal
Root St/Puente Ave	16.0 - C	11.6 - B	AWSC
Pacific Ave/Bromley Ave	0.335 - A	0.394 - A	Signal

Note: V/C- Volume to Capacity (Delay Shown in Seconds); AWSC – All Way Stop-Control, delay shown in seconds per vehicle.
Source: TJW Engineering Inc. TTM 73354 Project Traffic Impact Analysis (March 2016)

As shown, the study intersections are currently operating at an acceptable LOS (LOS D or better) during the peak AM and PM peak hours. For a full description of the existing conditions, refer to the attached Traffic Impact Analysis in *Appendix F*.

Would the Project:

a) *Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not*

limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?
Determination: Less Than Significant Impact

As noted in the existing conditions described above, the existing LOS for the intersections surrounding the project site range from LOS A to LOS C; however, it is anticipated that as Baldwin Park continues to grow and new development occurs within the City, the LOS of these intersections may be impacted. According to the City of Baldwin Park General Plan, the City identifies a peak hour target of LOS D or better. According to the Traffic Impact Analysis conducted for the project, the proposed development would add 35 AM Peak Hour trips, 47 PM Peak Hour trips, and 447 daily trips. These trips would be disbursed throughout the streets surrounding the project site.

Table 4.16-2
Intersection Analysis – Existing Plus Project Conditions

Intersection	Control Type	Existing				Existing Plus Project			
		V/C or Delay[1]		LOS		V/C or Delay[1]		LOS	
		AM	PM	AM	PM	AM	PM	AM	PM
Merced Ave/Puente Ave	Signal	0.726	0.800	C	C	0.727	0.800	C	C
Pacific Ave/Big Dalton Ave	Signal	0.456	0.557	A	A	0.457	0.559	A	A
Pacific Ave/Puente Ave	Signal	.0615	0.648	B	B	0.619	0.652	B	B
Root St/Puente Ave	AWSC	16.0	11.6	C	B	16.1	11.8	C	B
Pacific Ave/Bromley Ave	Signal	0.335	0.394	A	A	0.337	0.396	A	A
Pacific Ave/Project Driveway	TWSC	Not Applicable				21.6	27.2	C	D

Note: AWSC = All-Way Stop-Control, TWSC = One-or-Two-Way Stop-Control, Delay shown in seconds per vehicle
1 = Per the 2010 Highway Capacity Manual, overall average delay and LOS are shown for signalized and all-way stop-controlled intersections.
For intersections with one-or-two-way stop-control, the delay and LOS for the worst individual movement is shown.
Source: TJW Engineering Inc. TTM 73354 Project Traffic Impact Analysis (March 2016)

Table 4.16-3
Intersection Analysis – Project Opening Year with Project Conditions

Intersection	Control Type	Project Opening Year Without Project				Project Opening Year with Project			
		V/C or Delay[1]		LOS		V/C or Delay[1]		LOS	
		AM	PM	AM	PM	AM	PM	AM	PM
Merced Ave/Puente Ave	Signal	0.739	0.814	C	D	0.740	0.814	C	D
Pacific Ave/Big Dalton Ave	Signal	0.463	0.566	A	A	0.464	0.568	A	A
Pacific Ave/Puente Ave	Signal	0.622	0.659	B	B	0.630	0.663	B	B
Root St/Puente Ave	AWSC	16.6	11.9	C	B	16.7	12.0	C	B
Pacific Ave/Bromley Ave	Signal	0.340	0.400	A	A	0.342	0.402	A	A

Table 4.16-3, continued

Intersection	Control Type	Project Opening Year Without Project				Project Opening Year with Project			
		V/C or Delay[1]		LOS		V/C or Delay[1]		LOS	
		AM	PM	AM	PM	AM	PM	AM	PM
Pacific Ave/Project Driveway	TWSC	Not Applicable				22.1	28.2	C	D

Note: AWSC = All-Way Stop-Control, TWSC = One-or-Two-Way Stop-Control, Delay shown in seconds per vehicle
1 = Per the 2010 Highway Capacity Manual, overall average delay and LOS are shown for signalized and all-way stop-controlled intersections.
For intersections with one-or-two-way stop-control, the delay and LOS for the worst individual movement is shown
Source: TJW Engineering Inc. TTM 73354 Project Traffic Impact Analysis (March 2016)

Table 4.16-4
Intersection Analysis - Forecast Year 2030 with Project Conditions

Intersection	Control Type	Forecast Year 2030 without Project				Forecast Year 2030 with Project			
		V/C or Delay[1]		LOS		V/C or Delay[1]		LOS	
		AM	PM	AM	PM	AM	PM	AM	PM
Merced Ave/Puente Ave	Signal	0.808	0.891	D	D	0.809	0.892	D	D
Pacific Ave/Big Dalton Ave	Signal	0.502	0.617	A	B	0.503	0.621	A	B
Pacific Ave/Puente Ave	Signal	0.682	0.720	B	C	0.697	0.734	B	C
Root St/Puente Ave	AWSC	22.0	13.3	C	B	22.4	13.6	C	B
Pacific Ave/Bromley Ave	Signal	0.366	0.433	A	A	0.370	0.436	A	A
Pacific Ave/Project Driveway	TWSC	Not Applicable				30.4	31.0	D	D

Note: AWSC = All-Way Stop-Control, TWSC = One-or-Two-Way Stop-Control, Delay shown in seconds per vehicle
1 = Per the 2010 Highway Capacity Manual, overall average delay and LOS are shown for signalized and all-way stop-controlled intersections.
For intersections with one-or-two-way stop-control, the delay and LOS for the worst individual movement is shown.
Source: TJW Engineering Inc. TTM 73354 Project Traffic Impact Analysis (March 2016)

The Traffic Impact Analysis uses these increased trips to project future roadway conditions, both for the project opening year (2017) and for a long-term forecast year (2030). These projections include LOS projections both with the proposed project and without the proposed project.

According to the Traffic Impact Analysis, the increase in trips generated by the project would result in a less than significant impact under existing conditions, the project opening year (2017), and for the forecast year (2030). All intersections would operate at a Level of Service of D or better, as shown above in *Table 4.16-2, Intersection Analysis - Existing Plus Project Conditions*; *Table 4.16-3, Intersection Analysis – Project Opening Year with Project Conditions*; and, *Table 4.16-4, Intersection Analysis – Forecast Year 2030 with Project Conditions*. According to the above-mentioned threshold of a LOS D, the proposed project would not create impacts that would result in a LOS E or F under each of the scenarios evaluated. The study intersections are projected to continue to operate at an acceptable LOS (LOS D or better) during the AM

and PM peak hours for all scenarios evaluated (i.e. existing plus project conditions). Therefore, project impacts would be less than significant.

Additionally, the TIA considered the four parcels in the project vicinity that would be rezoned with the project for their potential to generate future traffic volumes. These parcels currently support single-family residences and a church and would be rezoned from their current zone to the R3 zone as part of the proposed project. *Table 4.16-5, Adjacent Parcel Information*, shows the number of dwelling units that could be constructed on each of the parcels under existing and proposed conditions. The proposed rezone of the parcel supporting the church use would result in a decrease in intensity of use, and commercial-type uses would no longer be permitted on the property. Rezoning of the parcels currently zoned for single-family use to R3 would increase the development potential of these properties. However, as shown in *Table 4.16-5*, overall, the number of dwelling units that could ultimately be constructed on the three affected parcels would decrease with the proposed rezone from MU-2 to R3. *Table 4.16-5, Adjacent Parcel Information*, indicates that under current zoning, the affected parcels would allow for future development of 59 residential dwelling units; under future (proposed) conditions, the affected parcels could potentially be developed with 45 residential dwelling units.

Table 4.16-5
Adjacent Parcel Information

Existing Land Use	Parcel Size (Acres/ Square Feet)	Current Zoning			Potential Future Zoning		
		Zoning	Maximum Dwelling Units/Acre	Potential Dwelling Units	Zoning	Maximum Dwelling Units/Acre	Potential Dwelling Units
Church	1.69 acres	MU-2	30	51	R3	20	34
Single-Family Dwelling Unit	8,400 s.f.	MU-2	15*	3	R3	20	4
Single-Family Dwelling Unit	8,400 s.f.	MU-2	15*	3	R3	20	4
Single-Family Dwelling Unit	7,000 s.f.	MU-2	15*	2	R3	20	3
			Total:	**59**		**Total:**	**45**
Note: * Indicates that parcels less than 15,000 square feet in size located within a MU-2 zone are subject to a maximum density of 15 dwelling units per acre.							

The TIA considered a conservative analysis of potential long-term impacts resulting with the proposed project (i.e. which could potentially occur under existing conditions). As such, future forecasts of the circulation system with project implementation considered include the addition of project-generated trips plus the addition of trips projected to be generated by the additional 59 residential dwelling units (44 a.m. peak hour trips and 59 p.m. peak hour trips) that could potentially be constructed under existing conditions. However, the addition of such trips to the circulation system would not cause exceedance of an established threshold, and impacts would be less than significant.

As stated in the existing conditions summary above, area roadways contain sidewalks and limited bike facilities as well as bus transit stops in the vicinity of the project site. None of

these facilities would be removed or altered by the development of the project, with the exception of the reconfiguration of driveway access into the project site. Any changes to the sidewalk made during the construction of driveways for the project would be in accordance with City design requirements and would be subject to plan check review, prior to construction to ensure compliance.

As such, project effects on the circulation system would not significantly alter existing conditions, and no conflicts with applicable policies, ordinances, or plans would occur. Impacts would be less than significant.

b) *Conflict with an applicable congestion management program, including, but not limited to, level-of-service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?* ***Determination: No Impact***

According to the Baldwin Park General Plan, the City of Baldwin Park does not have a Congestion Management Plan, however the City is subject to the Los Angeles County Metropolitan Transportation Authority Congestion Management Program (CMP). The program evaluates all projects that meet the following criteria:

- All CMP arterial monitoring intersections, including monitored freeway on or off-ramp intersections, where the proposed project will add 50 or more trips during either the AM or PM weekday peak hours (of adjacent street traffic).
- Mainline freeway monitoring locations where the project will add 150 or more trips, in either direction, during either the AM or PM weekday peak hours.

The proposed project does not meet either of the criteria, and is therefore not subject to the County Congestion Management Program.

Additionally, based on the CMP guidelines, and the proximity of the various project land uses in relation to available transit in the project vicinity, the proposed project is forecast to generate approximately 2 AM peak hour transit trips, approximately 3 PM peak hour transit trips, and approximately 22 daily transit trips. As the anticipated project-generated transit trips can be accommodated by existing transit service in the project vicinity, no significant CMP transit impacts are forecast to occur.

As such, the proposed project will have no impact on any congestion management program. No impact will occur.

c) *Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?* ***Determination: No Impact***

The proposed project would not result in a change in air traffic patterns or a change in location resulting in safety risks. The nearest airport is the El Monte Airport, which is located approximately 4.6 miles to the west of the project site. The proposed project is not located within an airport compatibility zone for any airport. The project also proposes single-family residential uses, which are subject to City building height restrictions (or as allowed by the Pacific Villas Specific Plan). Therefore, the project would have no impact on air traffic patterns and would not result in a substantial safety risk.

d) *Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?* ***Determination: Less than Significant Impact***

The project does not propose any street alignment changes or roadway improvements to area roadways. Access to/from the project site would be provided from Pacific Avenue. Two 20-foot wide entry/exit drives are proposed to be constructed to allow for ingress/egress, and a central onsite courtyard is proposed to allow vehicles to turnaround if needed. All such improvements would be designed and constructed in accordance with City engineering design requirements.

Construction of the project on the subject site would not result in an incompatible use. The development would include residential uses which are consistent with that intended by the Pacific Villas Specific Plan, and surrounding lands presently support similar low-impact uses. Therefore, impacts related to potential hazards or incompatible uses as a result of the project would be less than significant.

e) *Result in inadequate emergency access?* ***Determination: Less than Significant Impact***

Vehicular access to the main project site would be from Pacific Avenue. Interior circulation would be provided via a private paved looped drive constructed to 26 feet in width with a concrete gutter and decorative concrete apron; refer to *Figure 6C, Visual Simulation - Internal Drive*. The looped drive would also serve as a fire lane and would be constructed to City design standards to ensure that requirements for emergency vehicle circulation and access are met. The access drive would be gated (sliding gates) at the two proposed entries into the residential area for purposes of security; however, emergency personnel would be able to enter/exit the property at all times (i.e. via Knox box or other device), as needed. Refer also to *Figure 4A, Tentative Tract Map* and *Figure 4B, Site Plan*.

Prior to construction, the project in its entirety would be subject to review by City officials from the Fire and Police Departments to ensure that all design requirements for the provision of emergency access are met and the public safety is achieved to the maximum extent feasible. Any comments received from these agencies would be incorporated into the project design and subject to final review and approval by the City. With such measures, project impacts would be less than significant.

f) *Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?* ***Determination: Less than Significant Impact***

Refer to the discussion of existing conditions and response to 4.16(b), above. The project does not involve any roadway improvements. Due to the small scale of the project and the anticipated limited effect on the existing circulation system, no new transportation infrastructure would be constructed. Several modes of alternative transportation are currently provided within proximity to the project site. Construction of the proposed project would not preclude the construction of additional alternative transportation infrastructure improvements in the area in the future. Therefore, impacts associated with alternative transportation policies, plans, or programs would be less than significant.

4.17 UTILITIES AND SERVICE SYSTEMS

UTILITIES AND SERVICE SYSTEMS B Would the project:	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	☐	☐	☑	☐
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	☑	☐
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	☑	☐
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	☐	☐	☑	☐
e) 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?	☐	☐	☑	☐
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	☐	☐	☑	☐
g) Comply with federal, state, and local statutes and regulations related to solid waste?	☐	☐	☑	☐

Would the Project:

a) *Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?*
Determination: Less Than Significant Impact

The proposed project would result in construction of 47 single-family residential dwelling units that would be connected to the existing domestic sewer system serviced by the City for conveyance to the County Sanitation District of Los Angeles County. Wastewater generated by the City is treated at the San Jose Creek Water Reclamation Plant (SJCWRP) or at the Joint Water Pollution Control Plant (JWPCP) if wastewater flows exceed SJCWRP capacity, which is 100 million gallons per day. The project would not generate wastewater such as industrial or agricultural effluent. Surface runoff from the project site is addressed in the Hydrology and Water Quality responses 4.9(a), (c), (e) and (f) of this Initial Study. The development of 47 residential units is not anticipated to cause significant wastewater treatment capacity issues because of its relatively small size. The City's General Plan Final EIR indicates that the Los Angeles County Department of Public Works, Sewer Maintenance Division, and the Baldwin Park Engineering Division consider the sewer line system adequate to handle foreseeable future development. The Los Angeles County Sanitation District No. 15 serves the Baldwin Park area and must comply with the wastewater treatment regulations and requirements of the Los Angeles Regional Water Quality Control Board. Due to mandatory compliance with the Regional Board requirements, wastewater treatment requirements of the Los Angeles RWQCB are not anticipated to be exceeded by the project. Therefore, a less than significant impact would occur.

b) *Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?*
Determination: Less Than Significant Impact

Refer to Response 4.17(a), above, with regards to wastewater treatment. The project would result in construction of 47 residential dwelling units that would create new demand for public water and sewer services. According to the California Department of Finance City/County Population and Housing Estimates (as of January 1, 2016), the number of persons per household (pph) is estimated to be approximately 4.46 for the City of Baldwin Park.[18] The project would allow for future construction of 47 single-family detached residential dwelling units, which could result in a population increase of approximately 210 persons, using the rate of 4.46 pph. According to the projected total population for the District by the year 2030, the addition of the 210 new residents who would reside at the project site would not substantially increase demands on the District to a level that the District could not meet with the current water distribution infrastructure.

The project would be subject to the payment of connection fees for public sewer services. Although a relatively limited number of residential units would be constructed, thereby contributing minimal flows to the existing sewer treatment facility that would serve the site,

18 California Department of Finance, Table 2: E-5 Population and Housing Estimates for Cities, Counties, and the State, 2011-2016, with 2010 Census Benchmark (updated January 1, 2016). http://www.dof.ca.gov/Forecasting/Demographics/Estimates/E-5/. Accessed July 19, 2016.

the payment of facility connection fees would be required to mitigate for potential expansion impacts (if necessary). The existing SJCWRP treatment facility has capacity (with back-up capacity to JWPCP, if exceeded) to accommodate the project's wastewater treatment demands, and no new or expanded treatment facilities are needed.

Therefore, the project would not require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects Impacts would be less than significant.

c) *Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?* ***Determination: Less Than Significant Impact***

The project proposes construction of a storm drain to provide connection to the existing 60-inch storm drain located in Pacific Avenue; refer to *Figure 4A, Tentative Tract Map*, and *Figure 4B, Site Plan*. The amount of impervious surface area onsite would increase with development of the proposed residential uses, access drive, driveways, and other paved surfaces, thereby increasing the potential for stormwater runoff from the site; however, the project would be designed to ensure that no increase in runoff from the project site into the storm drain system would occur as compared to existing conditions, thereby minimizing potential effects on the City's storm drain system. No new improvements to the existing storm drain system are required to adequately accommodate storm water runoff from the project site. The project would incorporate onsite stormwater quality features (i.e. stormwater treatment unit and stormwater storage chamber) to retain and treat stormwater onsite, consistent with current RWQCB requirements; refer to *Figures 4A and 4B*. All such proposed improvements would be subject to City review and approval through the City's discretionary review process. As the project is considered to be a relatively limited in size and would not generate substantial quantities of stormwater runoff, construction or expansion of regional or offsite storm drain facilities would not be required. Therefore, a less than significant impact would occur.

d) *Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?* ***Determination: Less Than Significant Impact***

According to the City's 2020 General Plan Final EIR, the City's water supply is provided by three water district/companies: Valley County Water District (VCWD), San Gabriel Valley Water Company (SGVWC), and Valley View Mutual Water Company (VVMWC). VCWD is the water purveyor that would serve the project site. VCWD's 2013 Water Master Plan (updated in May 2014), indicates that there is sufficient water supplies and water shortage contingency plans to protect existing and future regional water needs. The project proposes 47 units, which is not anticipated to exceed projected water demands identified in the VCWD Master Plan. Construction of the project would require development/connection fees which would mitigate impacts to water supply. VCWD has water access from multiple sources, but prefers local groundwater sources and a small amount of imported water from Covina Irrigation Company. VCWD has an adjudicated right to 3.01517% of the operating safe yield of the Main San Gabriel Basin. VCWD indicates that it is confident that it can successfully obtain a combination of prescriptive rights, groundwater leases and purchases, and

replenishment water to achieve a production of water up to 9,565.6 acre feet per year in any given year out to year 2035. Because the project is consistent with VCWD's water supply projections; that there are sufficient water supplies to serve the project and region; and, that the development/connection fees required for project implementation would help mitigate future new or expanded entitlements that potentially may be needed with future regional growth, impacts are considered less than significant.

e) *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?* ***Determination: Less Than Significant Impact***

Refer to Response 4.17(a), above. Wastewater collection for the City is in the service area of the Los Angeles County Sanitation District No. 15. Wastewater is treated at the San Jose Creek Water Reclamation Plant (SJCWRP) or at the Joint Water Pollution Control Plant in Carson (JWPCP). SJCWRP provides primary, secondary and tertiary treatment for 100 million gallons of wastewater per day. JWPCP provides both primary and secondary treatment for approximately 280 million gallons of wastewater per day and has a total permitted capacity of 400 million gallons per day. Development of the project would require payment of development/connection fees that would mitigate impacts to wastewater treatment facilities. Because the project is considered to be a relatively limited development, the two wastewater facilities currently have capacity to serve the project as proposed. Additionally, the project would be subject to review by the City and the affected service agencies as part of the discretionary review process to determine fair share fee contributions in order to mitigate project impacts to existing wastewater treatment facilities. As such, existing wastewater treatment facilities that would serve the site have adequate capacity to serve the project's projected demand, in addition to the provider's existing commitments. Impacts would be less than significant.

f) *Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?* ***Determination: Less Than Significant Impact***

As indicated in the City's 2020 General Plan Final EIR, the County of Los Angeles prepares and administers solid waste management plans to project the capacity of the Count's landfills and other facilities to accommodate future solid waste demand generated by ongoing population growth. Local jurisdictions, including the City of Baldwin Park, are required to assess the effect of new development on the County's facilities and develop and implement programs to reduce the amount of solid waste generated within their boundaries that requires disposal at such facilities.

Additionally, the City is required to comply with Assembly Bill 939 (AB 939) which recognizes that an integrated approach to waste management is effective in extending the life of existing landfills and preventing the need to devote additional valuable land resources to trash disposal. The City is required to comply with AB 939 provisions and any related legislation that may be enacted. The City participates in a variety of efforts to meet the AB939 source reduction, recycling, and composting requirements. Integrated Waste Management services for Baldwin Park are provided through the City's Public Works Department.

Integrated waste is divided into household hazardous waste and source reduction and recycling programs.

It is anticipated that waste generated by construction of the proposed project would be serviced by Waste Management of the San Gabriel/Pomona Valley. Waste Management transports waste to the Azusa Transfer Station/Valley Vista and then to El Sobrante Landfill in the City of Corona. The El Sobrante Landfill has a remaining capacity of approximately 145,530,000 tons and a daily permitted capacity of 16,054 tons/day. The El Sobrante landfill is currently slated for closure in January 2045.[19]

The generation of project-related construction-related waste is considered to be minimal and temporary, and would cease upon completion of the proposed project. Solid waste generation during project operation is also anticipated to be minimal, as only 47 new residential units are proposed that would contribute to the City's overall generation of solid waste. Therefore, it is not anticipated that the project would cause a substantial increase in solid waste for disposal in area landfills.

Additionally, the project would comply with adopted programs and federal, State, and local regulations pertaining to solid waste disposal and efforts aimed at overall reduction. The City's Household Hazardous Waste Element and Source Reduction and Recycling Element, respectively, outline methods for the safe disposal of hazardous wastes generated by households and formalize the City's integrated waste management procedures. Together these plans identify how the City will meet the AB939 requirements.

Therefore, the project's solid waste disposal needs can be adequately met. A less than significant impact would occur.

g) *Comply with federal, state, and local statutes and regulations related to solid waste?* ***Determination: Less Than Significant Impact***

Refer to Response 4.17(f), above. The project would be required to comply with adopted programs and federal, State, and local regulations pertaining to solid waste. Impacts would be less than significant.

19 CalRecycle Facility / Site Summary Details: El Sobrante Landfill (33-AA-0217). http://www.calrecycle.ca.gov/SWFacilities/Directory/33-AA-0217/Detail/. Accessed March 8, 2016.

4.18 MANDATORY FINDINGS OF SIGNIFICANCE

MANDATORY FINDINGS OF SIGNIFICANCE --	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☑	☐	☐
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?	☐	☐	☑	☐

The following findings have been made, regarding the mandatory findings of significance set forth in Section 15065 of the CEQA Guidelines, based on the results of this environmental assessment:

a). Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory. ***Determination: Less Than Significant Impact with Mitigation***

Refer to the discussions identified in Section 4.4, above. The site is highly disturbed and does not support sensitive plant or animal species, wetland or riparian habitat, or other habitat that would support fish populations. No designated historical resources are present onsite.

Mature trees on or adjacent to the project site may have the potential to be utilized by migratory birds that could be indirectly impacted during the construction phase due to noise, tree removal, construction activity, and/or the presence of construction workers. The MBTA makes it unlawful to pursue, capture, kill, or possess or attempt to do the same to any migratory bird or part, nest, or egg of any such bird listed in wildlife protection treaties between the United States, Great Britain, Mexico, Japan, and the countries of the former Soviet Union. Mitigation Measure BIO-1 restricts the removal of any potential nesting habitat during the avian nesting season and requires clearance surveys and buffers to ensure that any nesting birds are protected. With implementation of Mitigation Measure BIO-1 and compliance with the City's Tree Preservation Ordinance, potential impacts on special status species would be reduced to a less than significant level.

b). *Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?* ***Determination: No Impact***

No project impacts were identified as cumulatively significant. Any direct impacts resulting with the project would be reduced to less than significant with incorporation of mitigation measures as proposed. Incremental increases relative to greenhouse gases, traffic, etc. were determined to be below the significance thresholds adopted by the City and would therefore not contribute to a cumulatively considerable environmental impact. With the implementation of mitigation measures proposed for air quality, biological resources, and noise impacts, all project impacts would be less that significant.

c). *Does the project have environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly?* ***Determination: Less Than Significant Impact***

The proposed project is a rezone and General Plan Amendment and will result in physical construction of 47 single-family residential units, landscaping improvements, a private park, and infrastructure improvements. All proposed development would be subject to review by City staff and the affected agencies to ensure that such development conforms to City goals, policies, and ordinances relative to the provision of adequate public health and safety objectives identified in the City of Baldwin Park General Plan and Municipal Code.

As stated in Section 4.8 above, the Phase I ESA prepared for the project (Ecobility Corporation, 2014) identified one site, the San Gabriel Valley Area 2 Superfund Site (SGV Area 2), which represents a regional groundwater contamination plume that is located beneath the subject property (and surrounding lands), as well as a large portion of the San Gabriel Valley. The Superfund Site is considered to be an REC to lands affected by the proposed project.

The SGV Area 2 Superfund Site is one of four known regional Superfund sites addressing groundwater contamination in the San Gabriel Valley. Chemicals of concern involved with the Superfund Site include volatile organic compounds (VOCs), perchlorate, N-nitrosodimethylamine (NDMA), and 1,4-dioxane. The SGV Area 2 is undergoing active groundwater remediation and monitoring under the regulatory guidance of the United States Environmental Protection Agency (USEPA) Region IX and the Los Angeles Regional Water

Quality Control Board (LARWQCB). The proximity of the Superfund Site to the proposed project site is considered an REC to the subject property.

As noted in Section 4.17, the project site would be served by the Valley County Water District, which provides public water service to the City and would therefore not be dependent upon groundwater. As such, the project would not require the use of groundwater supplies that may be contaminated, thereby reducing potential risk of health hazards to project residents. As the potential for identified hazardous conditions within the project area to affect the project site were limited to underlying groundwater conditions, it is not anticipated that such conditions would adversely affect the property and/or the health of future residents of the Pacific Villas community. The Phase I ESA concluded that, based on the information reviewed, no further assessment of the project site is required at this time.

With project compliance with relevant federal, State, and local regulations and polices pertaining to the proper handling, treatment, and disposal of potentially hazardous materials or wastes associated with the project site or surrounding properties, it is not anticipated that the project would 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. Impacts would be less than significant.

Additionally, the project may have the potential to adversely affect human beings through accidental release or spill of hazardous materials or substances (i.e. diesel fuel, hydraulic oil, pesticides/herbicides, grease, solvents, adhesives, paints, and/or other petroleum based products) during construction or operation. All applicable local, State, and federal safety standards for the safe handling and use of these materials would be adhered to in order to ensure that potential impacts are minimized to the extent feasible. Through project compliance with applicable regulations pertaining to hazardous materials, the project is not expected to have environmental effects that would cause substantial adverse effects on human beings, either directly or indirectly. Project impacts would be less than significant.

In view of the above analysis, it is determined that the project will not have a significant impact on the environment, with implementation of mitigation measures identified herein, and an environmental impact report is not required.

4.19 DETERMINATION

(To be completed by the Lead Agency)

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 the mitigation measures described on an attached sheet have been added to the project. 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 significant effect(s) 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, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." 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, there WILL NOT be a significant effect in this case because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project.

Signature: _____ Date: 8/17/16

Printed Name: Amy Harbin, City Planner

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Section 5.0
References

5.1 LEAD AGENCY

CITY OF BALDWIN PARK
PLANNING DEPARTMENT
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5.2 PREPARERS OF INITIAL STUDY / MITIGATED NEGATIVE DECLARATION

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5.3 REFERENCES

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Appendix A
Plan/Design Review

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3 BEDROOM + LOFT • 2.5 BATH
1,620 S.F.

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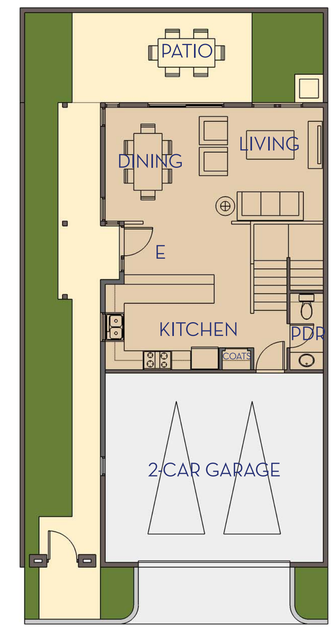

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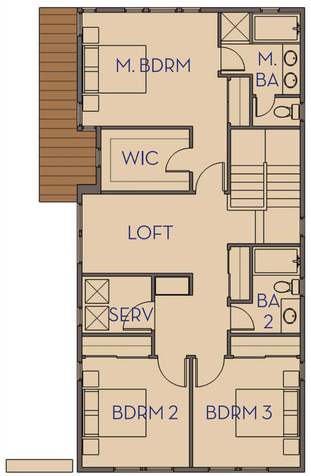

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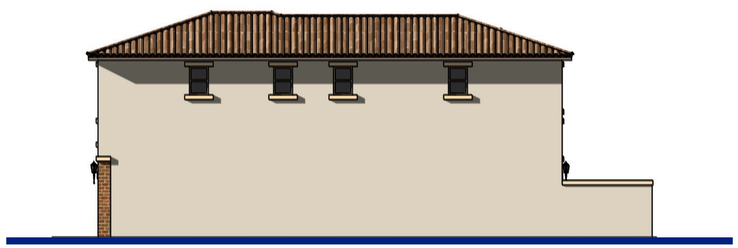

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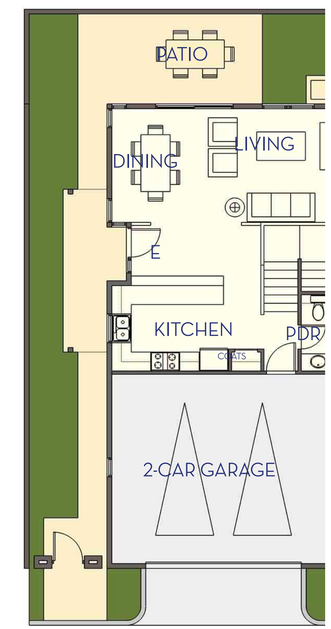

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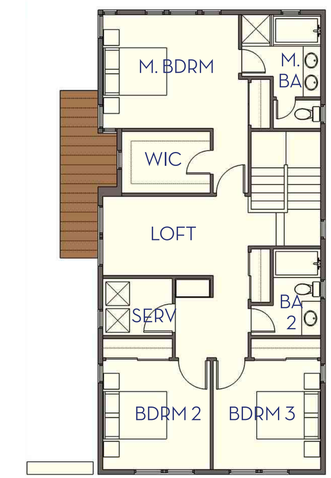

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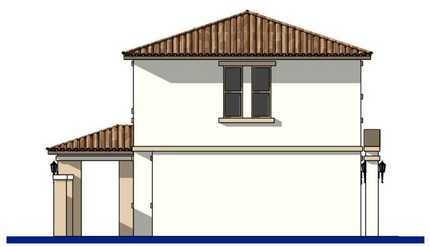

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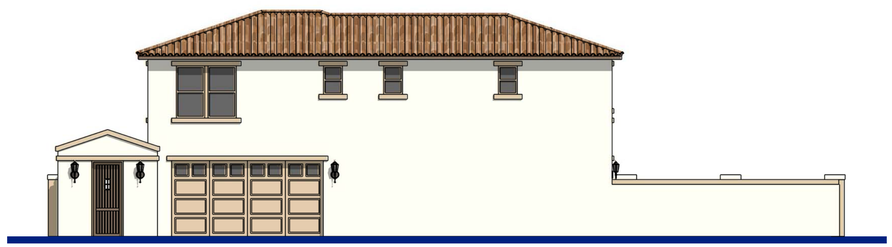

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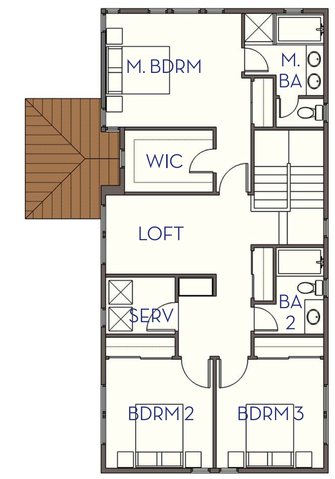

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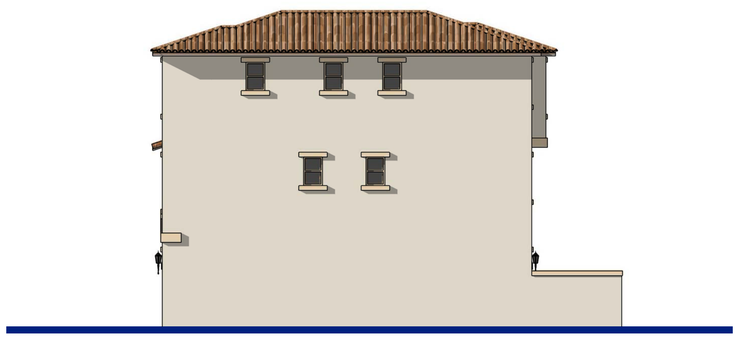

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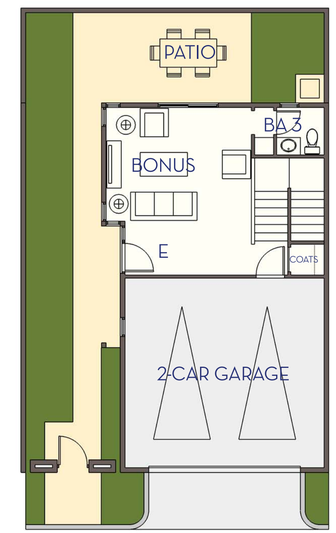

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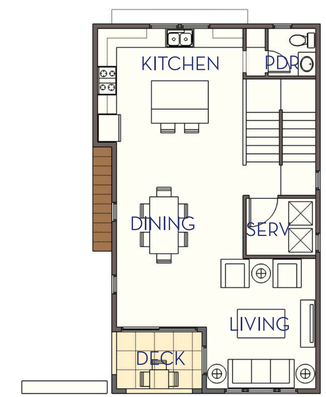

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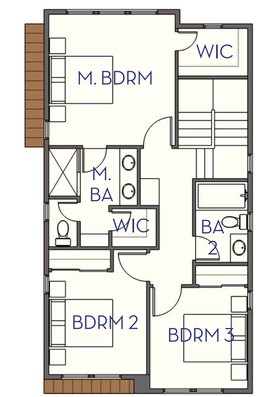

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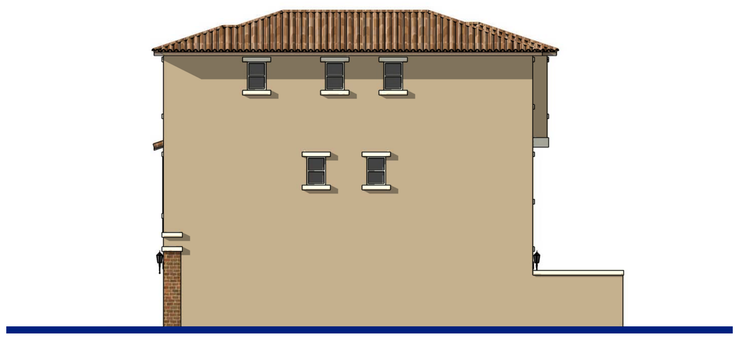

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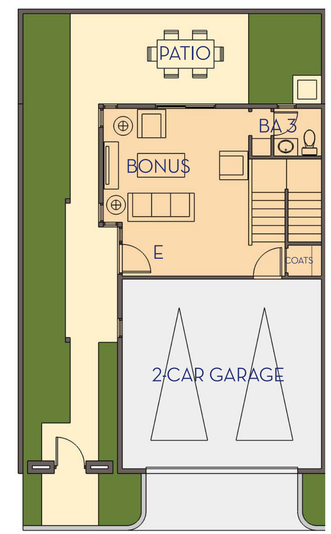

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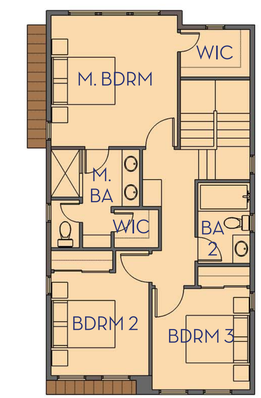

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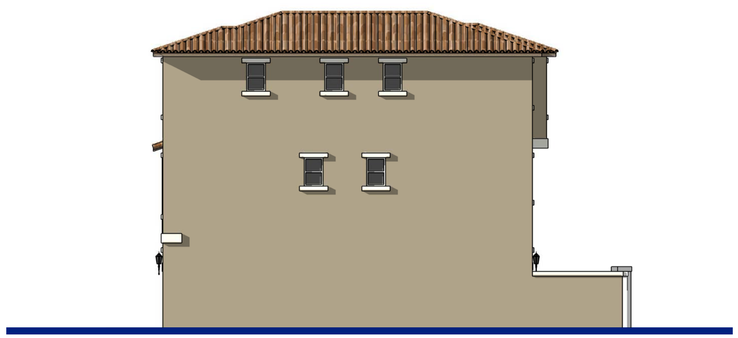

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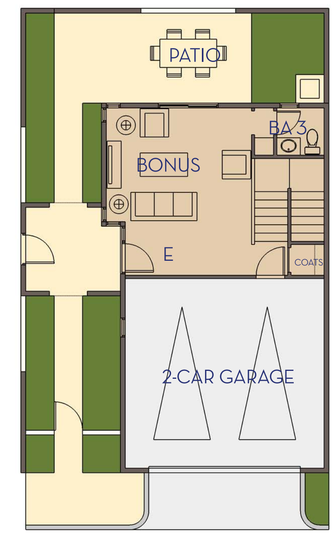

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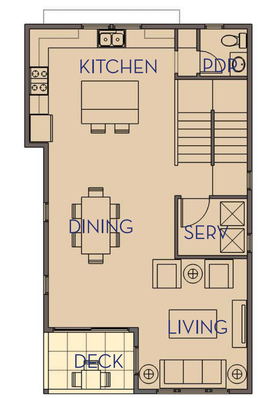

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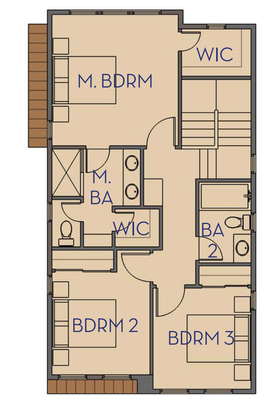

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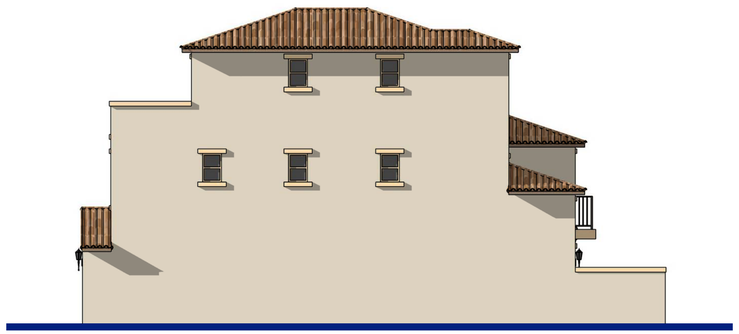

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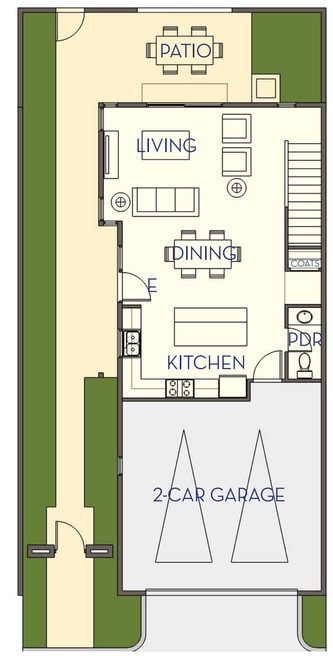

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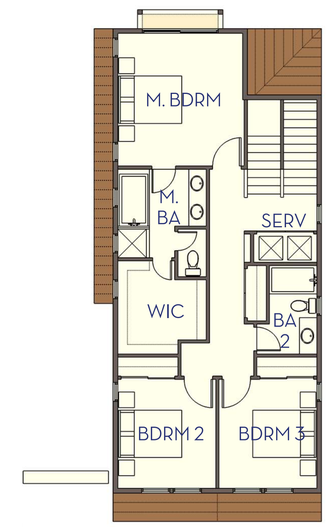

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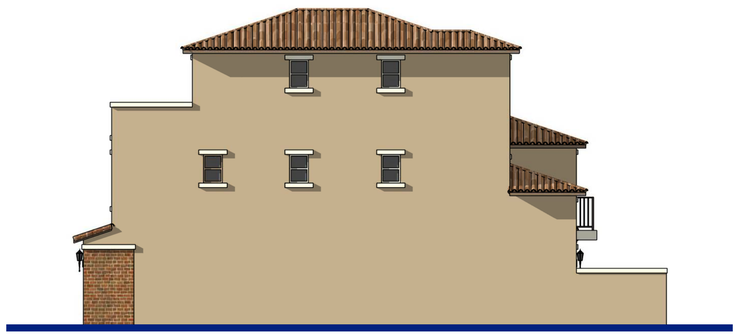

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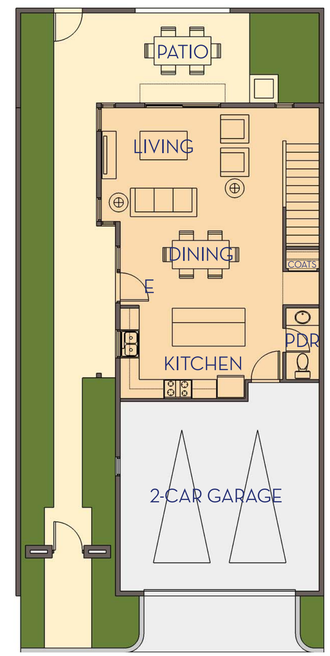

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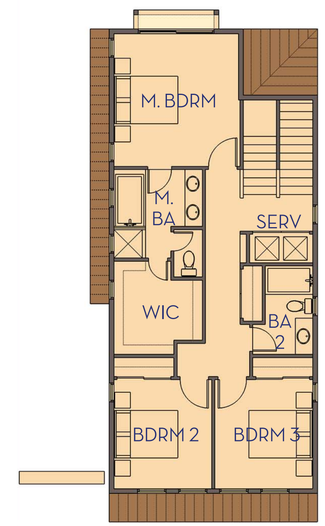

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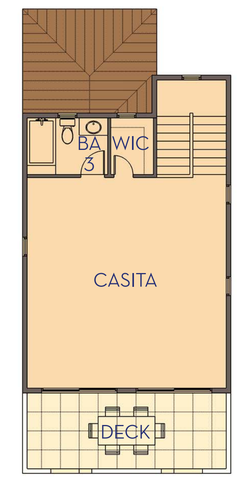

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Appendix B
Air Quality/Greenhouse Gas Data

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Baldwin Park SF Residential Development

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	47.00	Dwelling Unit	3.20	84,600.00	134

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**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

Construction Phase - Construction questionnaire

Off-road Equipment -

Off-road Equipment - Construction Questionnaire

Off-road Equipment -

Off-road Equipment - Construction questionnaire

Trips and VMT - Projet site length -balanced cut and fill

Grading - Balanced cut and fill, no import or export

Vehicle Trips - From Traffic Impact Analysis

Construction Off-road Equipment Mitigation - per SCAQMD

Mobile Land Use Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	18.00	67.00
tblConstructionPhase	NumDays	230.00	413.00
tblConstructionPhase	NumDays	8.00	22.00
tblConstructionPhase	NumDays	18.00	22.00
tblConstructionPhase	PhaseEndDate	9/30/2016	10/1/2016
tblConstructionPhase	PhaseEndDate	6/1/2018	6/3/2018
tblGrading	AcresOfGrading	11.00	3.20
tblGrading	MaterialExported	0.00	2,400.00
tblGrading	MaterialImported	0.00	2,400.00
tblLandUse	LotAcreage	15.26	3.20
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.41	0.41
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.41	0.41
tblOffRoadEquipment	LoadFactor	0.30	0.30
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblVehicleTrips	WD_TR	9.57	9.52

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					
2016	3.9908	42.4968	30.1999	0.0420	6.6062	2.2567	8.8629	3.4401	2.0762	5.5163	0.0000	4,291.7718	4,291.7718	0.9509	0.0000	4,311.7411
2017	2.6015	26.0461	17.9678	0.0268	0.2212	1.4719	1.6932	0.0593	1.3542	1.4135	0.0000	2,694.4445	2,694.4445	0.7458	0.0000	2,710.1065
2018	10.1860	22.1445	17.4766	0.0268	0.2212	1.2410	1.4622	0.0593	1.1418	1.2010	0.0000	2,646.0503	2,646.0503	0.7445	0.0000	2,661.6848
Total	**16.7782**	**90.6874**	**65.6442**	**0.0956**	**7.0486**	**4.9697**	**12.0183**	**3.5586**	**4.5721**	**8.1308**	**0.0000**	**9,632.2667**	**9,632.2667**	**2.4412**	**0.0000**	**9,683.5324**

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					
2016	3.9908	42.4968	30.1999	0.0420	2.7026	2.2567	4.9593	1.3435	2.0762	3.4197	0.0000	4,291.7718	4,291.7718	0.9509	0.0000	4,311.7411
2017	2.6015	26.0461	17.9678	0.0268	0.2212	1.4719	1.6932	0.0593	1.3542	1.4135	0.0000	2,694.4445	2,694.4445	0.7458	0.0000	2,710.1065
2018	10.1860	22.1445	17.4766	0.0268	0.2212	1.2410	1.4622	0.0593	1.1418	1.2010	0.0000	2,646.0503	2,646.0503	0.7445	0.0000	2,661.6848
Total	**16.7782**	**90.6874**	**65.6442**	**0.0956**	**3.1450**	**4.9697**	**8.1147**	**1.4620**	**4.5721**	**6.0341**	**0.0000**	**9,632.2667**	**9,632.2667**	**2.4412**	**0.0000**	**9,683.5324**

	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**	**55.38**	**0.00**	**32.48**	**58.92**	**0.00**	**25.79**	**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	14.2940	0.3581	27.5408	0.0378		3.6115	3.6115		3.6110	3.6110	440.2452	852.9820	1,293.2271	1.3199	0.0299	1,330.2081
Energy	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041
Mobile	1.7975	5.3444	20.4314	0.0501	3.4379	0.0756	3.5135	0.9193	0.0696	0.9889		4,282.4584	4,282.4584	0.1770		4,286.1743
Total	**16.1329**	**6.0562**	**48.1227**	**0.0901**	**3.4379**	**3.7157**	**7.1536**	**0.9193**	**3.7091**	**4.6284**	**440.2452**	**5,586.8969**	**6,027.1421**	**1.5055**	**0.0382**	**6,070.5865**

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	2.0604	0.0457	3.9211	2.0000e-004		0.0780	0.0780		0.0774	0.0774	0.0000	902.7467	902.7467	0.0242	0.0164	908.3453
Energy	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041
Mobile	1.7975	5.3444	20.4314	0.0501	3.4379	0.0756	3.5135	0.9193	0.0696	0.9889		4,282.4584	4,282.4584	0.1770		4,286.1743
Total	**3.8993**	**5.7437**	**24.5030**	**0.0525**	**3.4379**	**0.1822**	**3.6201**	**0.9193**	**0.1756**	**1.0949**	**0.0000**	**5,636.6617**	**5,636.6617**	**0.2098**	**0.0247**	**5,648.7237**

	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	**75.83**	**5.16**	**49.08**	**41.72**	**0.00**	**95.10**	**49.40**	**0.00**	**95.27**	**76.34**	**100.00**	**-0.89**	**6.48**	**86.07**	**35.27**	**6.95**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	9/1/2016	10/1/2016	5	22	
2	Building Construction	Building Construction	10/2/2016	5/2/2018	5	413	
3	Paving	Paving	5/3/2018	6/3/2018	5	22	
4	Architectural Coating	Architectural Coating	6/4/2018	9/4/2018	5	67	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 3.2

Acres of Paving: 0

Residential Indoor: 171,315; Residential Outdoor: 57,105; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41

Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	0	7.00	226	0.29
Building Construction	Excavators	1	8.00	162	0.38
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Graders	1	8.00	174	0.41
Building Construction	Pavers	1	8.00	125	0.42
Building Construction	Paving Equipment	1	8.00	130	0.36
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Trenchers	1	8.00	80	0.50
Building Construction	Welders	0	8.00	46	0.45
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Graders	1	8.00	174	0.41
Paving	Surfacing Equipment	1	8.00	253	0.30
Paving	Pavers	1	8.00	125	0.42
Paving	Paving Equipment	1	6.00	130	0.36
Paving	Rollers	0	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

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
Grading	6	15.00	0.00	300.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	17.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2010	0.0000	6.2010	3.3306	0.0000	3.3306			0.0000			0.0000
Off-Road	3.6669	38.4466	26.0787	0.0298		2.1984	2.1984		2.0225	2.0225		3,093.7889	3,093.7889	0.9332		3,113.3860
Total	**3.6669**	**38.4466**	**26.0787**	**0.0298**	**6.2010**	**2.1984**	**8.3994**	**3.3306**	**2.0225**	**5.3532**		**3,093.7889**	**3,093.7889**	**0.9332**		**3,113.3860**

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	0.2543	3.9570	3.1441	0.0102	0.2375	0.0567	0.2942	0.0650	0.0522	0.1172		1,023.9783	1,023.9783	7.6900e-003		1,024.1397
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	0.0695	0.0932	0.9771	2.0600e-003	0.1677	1.5900e-003	0.1693	0.0445	1.4600e-003	0.0459		174.0047	174.0047	0.0100		174.2154
Total	**0.3238**	**4.0502**	**4.1212**	**0.0122**	**0.4051**	**0.0583**	**0.4635**	**0.1095**	**0.0537**	**0.1631**		**1,197.9829**	**1,197.9829**	**0.0177**		**1,198.3551**

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					2.2975	0.0000	2.2975	1.2340	0.0000	1.2340			0.0000			0.0000
Off-Road	3.6669	38.4466	26.0787	0.0298		2.1984	2.1984		2.0225	2.0225	0.0000	3,093.7889	3,093.7889	0.9332		3,113.3860
Total	**3.6669**	**38.4466**	**26.0787**	**0.0298**	**2.2975**	**2.1984**	**4.4959**	**1.2340**	**2.0225**	**3.2565**	**0.0000**	**3,093.7889**	**3,093.7889**	**0.9332**		**3,113.3860**

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	0.2543	3.9570	3.1441	0.0102	0.2375	0.0567	0.2942	0.0650	0.0522	0.1172		1,023.9783	1,023.9783	7.6900e-003		1,024.1397
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	0.0695	0.0932	0.9771	2.0600e-003	0.1677	1.5900e-003	0.1693	0.0445	1.4600e-003	0.0459		174.0047	174.0047	0.0100		174.2154
Total	**0.3238**	**4.0502**	**4.1212**	**0.0122**	**0.4051**	**0.0583**	**0.4635**	**0.1095**	**0.0537**	**0.1631**		**1,197.9829**	**1,197.9829**	**0.0177**		**1,198.3551**

3.3 Building Construction - 2016

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	2.6638	27.6759	16.5146	0.0234		1.5806	1.5806		1.4542	1.4542		2,436.4419	2,436.4419	0.7349		2,451.8751
Total	**2.6638**	**27.6759**	**16.5146**	**0.0234**		**1.5806**	**1.5806**		**1.4542**	**1.4542**		**2,436.4419**	**2,436.4419**	**0.7349**		**2,451.8751**

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	0.0465	0.4485	0.6189	1.0900e-003	0.0312	6.9100e-003	0.0381	8.8700e-003	6.3600e-003	0.0152		109.1961	109.1961	8.3000e-004		109.2135
Worker	0.0788	0.1057	1.1073	2.3300e-003	0.1900	1.8000e-003	0.1918	0.0504	1.6500e-003	0.0521		197.2053	197.2053	0.0114		197.4441
Total	**0.1252**	**0.5542**	**1.7262**	**3.4200e-003**	**0.2212**	**8.7100e-003**	**0.2299**	**0.0593**	**8.0100e-003**	**0.0673**		**306.4013**	**306.4013**	**0.0122**		**306.6577**

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	2.6638	27.6759	16.5146	0.0234		1.5806	1.5806		1.4542	1.4542	0.0000	2,436.4419	2,436.4419	0.7349		2,451.8751
Total	**2.6638**	**27.6759**	**16.5146**	**0.0234**		**1.5806**	**1.5806**		**1.4542**	**1.4542**	**0.0000**	**2,436.4419**	**2,436.4419**	**0.7349**		**2,451.8751**

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	0.0465	0.4485	0.6189	1.0900e-003	0.0312	6.9100e-003	0.0381	8.8700e-003	6.3600e-003	0.0152		109.1961	109.1961	8.3000e-004		109.2135
Worker	0.0788	0.1057	1.1073	2.3300e-003	0.1900	1.8000e-003	0.1918	0.0504	1.6500e-003	0.0521		197.2053	197.2053	0.0114		197.4441
Total	**0.1252**	**0.5542**	**1.7262**	**3.4200e-003**	**0.2212**	**8.7100e-003**	**0.2299**	**0.0593**	**8.0100e-003**	**0.0673**		**306.4013**	**306.4013**	**0.0122**		**306.6577**

3.3 Building Construction - 2017

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	2.4885	25.5419	16.3815	0.0234		1.4641	1.4641		1.3469	1.3469		2,397.1832	2,397.1832	0.7345		2,412.6075
Total	**2.4885**	**25.5419**	**16.3815**	**0.0234**		**1.4641**	**1.4641**		**1.3469**	**1.3469**		**2,397.1832**	**2,397.1832**	**0.7345**		**2,412.6075**

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	0.0423	0.4087	0.5870	1.0900e-003	0.0312	6.1600e-003	0.0374	8.8800e-003	5.6600e-003	0.0145		107.4503	107.4503	8.1000e-004		107.4672
Worker	0.0706	0.0956	0.9992	2.3300e-003	0.1900	1.7200e-003	0.1917	0.0504	1.5900e-003	0.0520		189.8110	189.8110	0.0105		190.0318
Total	**0.1129**	**0.5042**	**1.5863**	**3.4200e-003**	**0.2212**	**7.8800e-003**	**0.2291**	**0.0593**	**7.2500e-003**	**0.0665**		**297.2613**	**297.2613**	**0.0113**		**297.4990**

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	2.4885	25.5419	16.3815	0.0234		1.4641	1.4641		1.3469	1.3469	0.0000	2,397.1832	2,397.1832	0.7345		2,412.6075
Total	**2.4885**	**25.5419**	**16.3815**	**0.0234**		**1.4641**	**1.4641**		**1.3469**	**1.3469**	**0.0000**	**2,397.1832**	**2,397.1832**	**0.7345**		**2,412.6075**

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	0.0423	0.4087	0.5870	1.0900e-003	0.0312	6.1600e-003	0.0374	8.8800e-003	5.6600e-003	0.0145		107.4503	107.4503	8.1000e-004		107.4672
Worker	0.0706	0.0956	0.9992	2.3300e-003	0.1900	1.7200e-003	0.1917	0.0504	1.5900e-003	0.0520		189.8110	189.8110	0.0105		190.0318
Total	**0.1129**	**0.5042**	**1.5863**	**3.4200e-003**	**0.2212**	**7.8800e-003**	**0.2291**	**0.0593**	**7.2500e-003**	**0.0665**		**297.2613**	**297.2613**	**0.0113**		**297.4990**

3.3 Building Construction - 2018

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	2.1352	21.6822	16.0081	0.0234		1.2336	1.2336		1.1349	1.1349		2,357.5258	2,357.5258	0.7339		2,372.9383
Total	**2.1352**	**21.6822**	**16.0081**	**0.0234**		**1.2336**	**1.2336**		**1.1349**	**1.1349**		**2,357.5258**	**2,357.5258**	**0.7339**		**2,372.9383**

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	0.0397	0.3756	0.5645	1.0900e-003	0.0312	5.8000e-003	0.0370	8.8800e-003	5.3300e-003	0.0142		105.6739	105.6739	8.0000e-004		105.6908
Worker	0.0634	0.0867	0.9040	2.3300e-003	0.1900	1.6700e-003	0.1917	0.0504	1.5400e-003	0.0519		182.8506	182.8506	9.7600e-003		183.0556
Total	**0.1031**	**0.4623**	**1.4685**	**3.4200e-003**	**0.2212**	**7.4700e-003**	**0.2287**	**0.0593**	**6.8700e-003**	**0.0662**		**288.5245**	**288.5245**	**0.0106**		**288.7464**

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	2.1352	21.6822	16.0081	0.0234		1.2336	1.2336		1.1349	1.1349	0.0000	2,357.5258	2,357.5258	0.7339		2,372.9383
Total	**2.1352**	**21.6822**	**16.0081**	**0.0234**		**1.2336**	**1.2336**		**1.1349**	**1.1349**	**0.0000**	**2,357.5258**	**2,357.5258**	**0.7339**		**2,372.9383**

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	0.0397	0.3756	0.5645	1.0900e-003	0.0312	5.8000e-003	0.0370	8.8800e-003	5.3300e-003	0.0142		105.6739	105.6739	8.0000e-004		105.6908
Worker	0.0634	0.0867	0.9040	2.3300e-003	0.1900	1.6700e-003	0.1917	0.0504	1.5400e-003	0.0519		182.8506	182.8506	9.7600e-003		183.0556
Total	**0.1031**	**0.4623**	**1.4685**	**3.4200e-003**	**0.2212**	**7.4700e-003**	**0.2287**	**0.0593**	**6.8700e-003**	**0.0662**		**288.5245**	**288.5245**	**0.0106**		**288.7464**

3.4 Paving - 2018

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	1.7966	19.3119	13.3255	0.0234		1.0200	1.0200		0.9384	0.9384		2,350.7362	2,350.7362	0.7318		2,366.1044
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7966**	**19.3119**	**13.3255**	**0.0234**		**1.0200**	**1.0200**		**0.9384**	**0.9384**		**2,350.7362**	**2,350.7362**	**0.7318**		**2,366.1044**

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	0.0485	0.0663	0.6913	1.7800e-003	0.1453	1.2700e-003	0.1466	0.0385	1.1800e-003	0.0397		139.8269	139.8269	7.4700e-003		139.9837
Total	**0.0485**	**0.0663**	**0.6913**	**1.7800e-003**	**0.1453**	**1.2700e-003**	**0.1466**	**0.0385**	**1.1800e-003**	**0.0397**		**139.8269**	**139.8269**	**7.4700e-003**		**139.9837**

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	1.7966	19.3119	13.3255	0.0234		1.0200	1.0200		0.9384	0.9384	0.0000	2,350.7362	2,350.7362	0.7318		2,366.1044

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7966**	**19.3119**	**13.3255**	**0.0234**		**1.0200**	**1.0200**		**0.9384**	**0.9384**	**0.0000**	**2,350.7362**	**2,350.7362**	**0.7318**		**2,366.1044**

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	0.0485	0.0663	0.6913	1.7800e-003	0.1453	1.2700e-003	0.1466	0.0385	1.1800e-003	0.0397		139.8269	139.8269	7.4700e-003		139.9837
Total	**0.0485**	**0.0663**	**0.6913**	**1.7800e-003**	**0.1453**	**1.2700e-003**	**0.1466**	**0.0385**	**1.1800e-003**	**0.0397**		**139.8269**	**139.8269**	**7.4700e-003**		**139.9837**

3.5 Architectural Coating - 2018

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	9.8762					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**10.1748**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

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	0.0112	0.0153	0.1595	4.1000e-004	0.0335	2.9000e-004	0.0338	8.8900e-003	2.7000e-004	9.1700e-003		32.2678	32.2678	1.7200e-003		32.3039
Total	**0.0112**	**0.0153**	**0.1595**	**4.1000e-004**	**0.0335**	**2.9000e-004**	**0.0338**	**8.8900e-003**	**2.7000e-004**	**9.1700e-003**		**32.2678**	**32.2678**	**1.7200e-003**		**32.3039**

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	9.8762					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	**10.1748**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**	**0.0000**	**281.4485**	**281.4485**	**0.0267**		**282.0102**

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	0.0112	0.0153	0.1595	4.1000e-004	0.0335	2.9000e-004	0.0338	8.8900e-003	2.7000e-004	9.1700e-003		32.2678	32.2678	1.7200e-003		32.3039
Total	**0.0112**	**0.0153**	**0.1595**	**4.1000e-004**	**0.0335**	**2.9000e-004**	**0.0338**	**8.8900e-003**	**2.7000e-004**	**9.1700e-003**		**32.2678**	**32.2678**	**1.7200e-003**		**32.3039**

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	1.7975	5.3444	20.4314	0.0501	3.4379	0.0756	3.5135	0.9193	0.0696	0.9889		4,282.4584	4,282.4584	0.1770		4,286.1743
Unmitigated	1.7975	5.3444	20.4314	0.0501	3.4379	0.0756	3.5135	0.9193	0.0696	0.9889		4,282.4584	4,282.4584	0.1770		4,286.1743

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	447.44	473.76	412.19	1,524,611	1,524,611
Total	447.44	473.76	412.19	1,524,611	1,524,611

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
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.532559	0.058242	0.178229	0.125155	0.038934	0.006273	0.016761	0.032323	0.002478	0.003154	0.003685	0.000544	0.001663

5.0 Energy Detail

4.4 Fleet Mix

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	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041
NaturalGas Unmitigated	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041

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					
Single Family Housing	3837.38	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041
Total		**0.0414**	**0.3536**	**0.1505**	**2.2600e-003**		**0.0286**	**0.0286**		**0.0286**	**0.0286**		**451.4566**	**451.4566**	**8.6500e-003**	**8.2800e-003**	**454.2041**

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					
Single Family Housing	3.83738	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041
Total		**0.0414**	**0.3536**	**0.1505**	**2.2600e-003**		**0.0286**	**0.0286**		**0.0286**	**0.0286**		**451.4566**	**451.4566**	**8.6500e-003**	**8.2800e-003**	**454.2041**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	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	2.0604	0.0457	3.9211	2.0000e-004		0.0780	0.0780		0.0774	0.0774	0.0000	902.7467	902.7467	0.0242	0.0164	908.3453
Unmitigated	14.2940	0.3581	27.5408	0.0378		3.6115	3.6115		3.6110	3.6110	440.2452	852.9820	1,293.2271	1.3199	0.0299	1,330.2081

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	0.1813					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6751					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	12.3157	0.3125	23.6242	0.0376		3.5903	3.5903		3.5897	3.5897	440.2452	846.0000	1,286.2452	1.3129	0.0299	1,323.0790
Landscaping	0.1220	0.0457	3.9166	2.0000e-004		0.0213	0.0213		0.0213	0.0213		6.9820	6.9820	7.0100e-003		7.1291
Total	**14.2940**	**0.3581**	**27.5408**	**0.0378**		**3.6115**	**3.6115**		**3.6110**	**3.6110**	**440.2452**	**852.9820**	**1,293.2271**	**1.3199**	**0.0299**	**1,330.2081**

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					
Consumer Products	1.6751					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0821	0.0000	4.4800e-003	0.0000		0.0567	0.0567		0.0561	0.0561	0.0000	895.7647	895.7647	0.0172	0.0164	901.2162
Landscaping	0.1220	0.0457	3.9166	2.0000e-004		0.0213	0.0213		0.0213	0.0213		6.9820	6.9820	7.0100e-003		7.1291
Architectural Coating	0.1813					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.0604**	**0.0457**	**3.9211**	**2.0000e-004**		**0.0780**	**0.0780**		**0.0774**	**0.0774**	**0.0000**	**902.7467**	**902.7467**	**0.0242**	**0.0164**	**908.3453**

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 Vegetation

Baldwin Park SF Residential Development

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	47.00	Dwelling Unit	3.20	84,600.00	134

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**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

Construction Phase - Construction questionnaire

Off-road Equipment -

Off-road Equipment - Construction Questionnaire

Off-road Equipment -

Off-road Equipment - Construction questionnaire

Trips and VMT - Projet site length -balanced cut and fill

Grading - Balanced cut and fill, no import or export

Vehicle Trips - From Traffic Impact Analysis

Construction Off-road Equipment Mitigation - per SCAQMD

Mobile Land Use Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	18.00	67.00
tblConstructionPhase	NumDays	230.00	413.00
tblConstructionPhase	NumDays	8.00	22.00
tblConstructionPhase	NumDays	18.00	22.00
tblConstructionPhase	PhaseEndDate	9/30/2016	10/1/2016
tblConstructionPhase	PhaseEndDate	6/1/2018	6/3/2018
tblGrading	AcresOfGrading	11.00	3.20
tblGrading	MaterialExported	0.00	2,400.00
tblGrading	MaterialImported	0.00	2,400.00
tblLandUse	LotAcreage	15.26	3.20
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.41	0.41
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.41	0.41
tblOffRoadEquipment	LoadFactor	0.30	0.30
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Surfacing Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblVehicleTrips	WD_TR	9.57	9.52

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					
2016	3.9739	42.3532	29.8319	0.0421	6.6062	2.2566	8.8627	3.4401	2.0761	5.5162	0.0000	4,304.5299	4,304.5299	0.9508	0.0000	4,324.4972
2017	2.5951	26.0269	17.9273	0.0270	0.2212	1.4719	1.6931	0.0593	1.3541	1.4134	0.0000	2,706.6498	2,706.6498	0.7458	0.0000	2,722.3114
2018	10.1856	22.1271	17.4349	0.0270	0.2212	1.2410	1.4622	0.0593	1.1417	1.2010	0.0000	2,657.8432	2,657.8432	0.7445	0.0000	2,673.4771
Total	**16.7546**	**90.5073**	**65.1941**	**0.0961**	**7.0486**	**4.9694**	**12.0180**	**3.5586**	**4.5719**	**8.1305**	**0.0000**	**9,669.0230**	**9,669.0230**	**2.4411**	**0.0000**	**9,720.2857**

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					
2016	3.9739	42.3532	29.8319	0.0421	2.7026	2.2566	4.9592	1.3435	2.0761	3.4195	0.0000	4,304.5299	4,304.5299	0.9508	0.0000	4,324.4972
2017	2.5951	26.0269	17.9273	0.0270	0.2212	1.4719	1.6931	0.0593	1.3541	1.4134	0.0000	2,706.6498	2,706.6498	0.7458	0.0000	2,722.3114
2018	10.1856	22.1271	17.4349	0.0270	0.2212	1.2410	1.4622	0.0593	1.1417	1.2010	0.0000	2,657.8432	2,657.8432	0.7445	0.0000	2,673.4771
Total	**16.7546**	**90.5073**	**65.1941**	**0.0961**	**3.1450**	**4.9694**	**8.1145**	**1.4620**	**4.5719**	**6.0339**	**0.0000**	**9,669.0230**	**9,669.0230**	**2.4411**	**0.0000**	**9,720.2857**

	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**	**55.38**	**0.00**	**32.48**	**58.92**	**0.00**	**25.79**	**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	14.2940	0.3581	27.5408	0.0378		3.6115	3.6115		3.6110	3.6110	440.2452	852.9820	1,293.2271	1.3199	0.0299	1,330.2081
Energy	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041
Mobile	1.7169	5.0696	20.5025	0.0524	3.4379	0.0753	3.5132	0.9193	0.0693	0.9886		4,477.3716	4,477.3716	0.1768		4,481.0847
Total	**16.0523**	**5.7814**	**48.1937**	**0.0925**	**3.4379**	**3.7155**	**7.1533**	**0.9193**	**3.7089**	**4.6282**	**440.2452**	**5,781.8102**	**6,222.0553**	**1.5054**	**0.0382**	**6,265.4969**

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	2.0604	0.0457	3.9211	2.0000e-004		0.0780	0.0780		0.0774	0.0774	0.0000	902.7467	902.7467	0.0242	0.0164	908.3453
Energy	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041
Mobile	1.7169	5.0696	20.5025	0.0524	3.4379	0.0753	3.5132	0.9193	0.0693	0.9886		4,477.3716	4,477.3716	0.1768		4,481.0847
Total	**3.8187**	**5.4689**	**24.5740**	**0.0549**	**3.4379**	**0.1819**	**3.6198**	**0.9193**	**0.1753**	**1.0946**	**0.0000**	**5,831.5749**	**5,831.5749**	**0.2096**	**0.0247**	**5,843.6341**

	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	**76.21**	**5.40**	**49.01**	**40.65**	**0.00**	**95.10**	**49.40**	**0.00**	**95.27**	**76.35**	**100.00**	**-0.86**	**6.28**	**86.07**	**35.27**	**6.73**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	9/1/2016	10/1/2016	5	22	
2	Building Construction	Building Construction	10/2/2016	5/2/2018	5	413	
3	Paving	Paving	5/3/2018	6/3/2018	5	22	
4	Architectural Coating	Architectural Coating	6/4/2018	9/4/2018	5	67	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 3.2

Acres of Paving: 0

Residential Indoor: 171,315; Residential Outdoor: 57,105; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41

Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	0	7.00	226	0.29
Building Construction	Excavators	1	8.00	162	0.38
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Graders	1	8.00	174	0.41
Building Construction	Pavers	1	8.00	125	0.42
Building Construction	Paving Equipment	1	8.00	130	0.36
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Trenchers	1	8.00	80	0.50
Building Construction	Welders	0	8.00	46	0.45
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Graders	1	8.00	174	0.41
Paving	Surfacing Equipment	1	8.00	253	0.30
Paving	Pavers	1	8.00	125	0.42
Paving	Paving Equipment	1	6.00	130	0.36
Paving	Rollers	0	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

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
Grading	6	15.00	0.00	300.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	17.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2010	0.0000	6.2010	3.3306	0.0000	3.3306			0.0000			0.0000
Off-Road	3.6669	38.4466	26.0787	0.0298		2.1984	2.1984		2.0225	2.0225		3,093.7889	3,093.7889	0.9332		3,113.3860
Total	**3.6669**	**38.4466**	**26.0787**	**0.0298**	**6.2010**	**2.1984**	**8.3994**	**3.3306**	**2.0225**	**5.3532**		**3,093.7889**	**3,093.7889**	**0.9332**		**3,113.3860**

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	0.2402	3.8226	2.7127	0.0102	0.2375	0.0566	0.2941	0.0650	0.0521	0.1171		1,026.3878	1,026.3878	7.5900e-003		1,026.5472
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	0.0668	0.0841	1.0406	2.1800e-003	0.1677	1.5900e-003	0.1693	0.0445	1.4600e-003	0.0459		184.3532	184.3532	0.0100		184.5639
Total	**0.3070**	**3.9066**	**3.7532**	**0.0124**	**0.4051**	**0.0582**	**0.4633**	**0.1095**	**0.0535**	**0.1630**		**1,210.7410**	**1,210.7410**	**0.0176**		**1,211.1112**

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					2.2975	0.0000	2.2975	1.2340	0.0000	1.2340			0.0000			0.0000
Off-Road	3.6669	38.4466	26.0787	0.0298		2.1984	2.1984		2.0225	2.0225	0.0000	3,093.7889	3,093.7889	0.9332		3,113.3860
Total	**3.6669**	**38.4466**	**26.0787**	**0.0298**	**2.2975**	**2.1984**	**4.4959**	**1.2340**	**2.0225**	**3.2565**	**0.0000**	**3,093.7889**	**3,093.7889**	**0.9332**		**3,113.3860**

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	0.2402	3.8226	2.7127	0.0102	0.2375	0.0566	0.2941	0.0650	0.0521	0.1171		1,026.3878	1,026.3878	7.5900e-003		1,026.5472
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	0.0668	0.0841	1.0406	2.1800e-003	0.1677	1.5900e-003	0.1693	0.0445	1.4600e-003	0.0459		184.3532	184.3532	0.0100		184.5639
Total	**0.3070**	**3.9066**	**3.7532**	**0.0124**	**0.4051**	**0.0582**	**0.4633**	**0.1095**	**0.0535**	**0.1630**		**1,210.7410**	**1,210.7410**	**0.0176**		**1,211.1112**

3.3 Building Construction - 2016

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	2.6638	27.6759	16.5146	0.0234		1.5806	1.5806		1.4542	1.4542		2,436.4419	2,436.4419	0.7349		2,451.8751
Total	**2.6638**	**27.6759**	**16.5146**	**0.0234**		**1.5806**	**1.5806**		**1.4542**	**1.4542**		**2,436.4419**	**2,436.4419**	**0.7349**		**2,451.8751**

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	0.0421	0.4375	0.5083	1.1000e-003	0.0312	6.8400e-003	0.0380	8.8700e-003	6.2900e-003	0.0152		110.1103	110.1103	8.1000e-004		110.1273
Worker	0.0757	0.0953	1.1793	2.4700e-003	0.1900	1.8000e-003	0.1918	0.0504	1.6500e-003	0.0521		208.9336	208.9336	0.0114		209.1725
Total	**0.1179**	**0.5328**	**1.6876**	**3.5700e-003**	**0.2212**	**8.6400e-003**	**0.2298**	**0.0593**	**7.9400e-003**	**0.0672**		**319.0439**	**319.0439**	**0.0122**		**319.2998**

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	2.6638	27.6759	16.5146	0.0234		1.5806	1.5806		1.4542	1.4542	0.0000	2,436.4419	2,436.4419	0.7349		2,451.8751
Total	**2.6638**	**27.6759**	**16.5146**	**0.0234**		**1.5806**	**1.5806**		**1.4542**	**1.4542**	**0.0000**	**2,436.4419**	**2,436.4419**	**0.7349**		**2,451.8751**

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	0.0421	0.4375	0.5083	1.1000e-003	0.0312	6.8400e-003	0.0380	8.8700e-003	6.2900e-003	0.0152		110.1103	110.1103	8.1000e-004		110.1273
Worker	0.0757	0.0953	1.1793	2.4700e-003	0.1900	1.8000e-003	0.1918	0.0504	1.6500e-003	0.0521		208.9336	208.9336	0.0114		209.1725
Total	**0.1179**	**0.5328**	**1.6876**	**3.5700e-003**	**0.2212**	**8.6400e-003**	**0.2298**	**0.0593**	**7.9400e-003**	**0.0672**		**319.0439**	**319.0439**	**0.0122**		**319.2998**

3.3 Building Construction - 2017

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	2.4885	25.5419	16.3815	0.0234		1.4641	1.4641		1.3469	1.3469		2,397.1832	2,397.1832	0.7345		2,412.6075
Total	**2.4885**	**25.5419**	**16.3815**	**0.0234**		**1.4641**	**1.4641**		**1.3469**	**1.3469**		**2,397.1832**	**2,397.1832**	**0.7345**		**2,412.6075**

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	0.0385	0.3989	0.4773	1.1000e-003	0.0312	6.0900e-003	0.0373	8.8800e-003	5.6000e-003	0.0145		108.3520	108.3520	7.8000e-004		108.3684
Worker	0.0680	0.0862	1.0685	2.4700e-003	0.1900	1.7200e-003	0.1917	0.0504	1.5900e-003	0.0520		201.1147	201.1147	0.0105		201.3354
Total	**0.1066**	**0.4851**	**1.5458**	**3.5700e-003**	**0.2212**	**7.8100e-003**	**0.2290**	**0.0593**	**7.1900e-003**	**0.0665**		**309.4667**	**309.4667**	**0.0113**		**309.7038**

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	2.4885	25.5419	16.3815	0.0234		1.4641	1.4641		1.3469	1.3469	0.0000	2,397.1832	2,397.1832	0.7345		2,412.6075
Total	**2.4885**	**25.5419**	**16.3815**	**0.0234**		**1.4641**	**1.4641**		**1.3469**	**1.3469**	**0.0000**	**2,397.1832**	**2,397.1832**	**0.7345**		**2,412.6075**

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	0.0385	0.3989	0.4773	1.1000e-003	0.0312	6.0900e-003	0.0373	8.8800e-003	5.6000e-003	0.0145		108.3520	108.3520	7.8000e-004		108.3684
Worker	0.0680	0.0862	1.0685	2.4700e-003	0.1900	1.7200e-003	0.1917	0.0504	1.5900e-003	0.0520		201.1147	201.1147	0.0105		201.3354
Total	**0.1066**	**0.4851**	**1.5458**	**3.5700e-003**	**0.2212**	**7.8100e-003**	**0.2290**	**0.0593**	**7.1900e-003**	**0.0665**		**309.4667**	**309.4667**	**0.0113**		**309.7038**

3.3 Building Construction - 2018

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	2.1352	21.6822	16.0081	0.0234		1.2336	1.2336		1.1349	1.1349		2,357.5258	2,357.5258	0.7339		2,372.9383
Total	**2.1352**	**21.6822**	**16.0081**	**0.0234**		**1.2336**	**1.2336**		**1.1349**	**1.1349**		**2,357.5258**	**2,357.5258**	**0.7339**		**2,372.9383**

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	0.0363	0.3667	0.4559	1.1000e-003	0.0312	5.7400e-003	0.0369	8.8800e-003	5.2800e-003	0.0142		106.5623	106.5623	7.8000e-004		106.5787
Worker	0.0613	0.0782	0.9709	2.4700e-003	0.1900	1.6700e-003	0.1917	0.0504	1.5400e-003	0.0519		193.7551	193.7551	9.7600e-003		193.9601
Total	**0.0976**	**0.4450**	**1.4268**	**3.5700e-003**	**0.2212**	**7.4100e-003**	**0.2286**	**0.0593**	**6.8200e-003**	**0.0661**		**300.3174**	**300.3174**	**0.0105**		**300.5388**

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	2.1352	21.6822	16.0081	0.0234		1.2336	1.2336		1.1349	1.1349	0.0000	2,357.5258	2,357.5258	0.7339		2,372.9383
Total	**2.1352**	**21.6822**	**16.0081**	**0.0234**		**1.2336**	**1.2336**		**1.1349**	**1.1349**	**0.0000**	**2,357.5258**	**2,357.5258**	**0.7339**		**2,372.9383**

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	0.0363	0.3667	0.4559	1.1000e-003	0.0312	5.7400e-003	0.0369	8.8800e-003	5.2800e-003	0.0142		106.5623	106.5623	7.8000e-004		106.5787
Worker	0.0613	0.0782	0.9709	2.4700e-003	0.1900	1.6700e-003	0.1917	0.0504	1.5400e-003	0.0519		193.7551	193.7551	9.7600e-003		193.9601
Total	**0.0976**	**0.4450**	**1.4268**	**3.5700e-003**	**0.2212**	**7.4100e-003**	**0.2286**	**0.0593**	**6.8200e-003**	**0.0661**		**300.3174**	**300.3174**	**0.0105**		**300.5388**

3.4 Paving - 2018

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	1.7966	19.3119	13.3255	0.0234		1.0200	1.0200		0.9384	0.9384		2,350.7362	2,350.7362	0.7318		2,366.1044
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7966**	**19.3119**	**13.3255**	**0.0234**		**1.0200**	**1.0200**		**0.9384**	**0.9384**		**2,350.7362**	**2,350.7362**	**0.7318**		**2,366.1044**

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	0.0468	0.0598	0.7424	1.8900e-003	0.1453	1.2700e-003	0.1466	0.0385	1.1800e-003	0.0397		148.1657	148.1657	7.4700e-003		148.3225
Total	**0.0468**	**0.0598**	**0.7424**	**1.8900e-003**	**0.1453**	**1.2700e-003**	**0.1466**	**0.0385**	**1.1800e-003**	**0.0397**		**148.1657**	**148.1657**	**7.4700e-003**		**148.3225**

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	1.7966	19.3119	13.3255	0.0234		1.0200	1.0200		0.9384	0.9384	0.0000	2,350.7362	2,350.7362	0.7318		2,366.1044

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7966**	**19.3119**	**13.3255**	**0.0234**		**1.0200**	**1.0200**		**0.9384**	**0.9384**	**0.0000**	**2,350.7362**	**2,350.7362**	**0.7318**		**2,366.1044**

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	0.0468	0.0598	0.7424	1.8900e-003	0.1453	1.2700e-003	0.1466	0.0385	1.1800e-003	0.0397		148.1657	148.1657	7.4700e-003		148.3225
Total	**0.0468**	**0.0598**	**0.7424**	**1.8900e-003**	**0.1453**	**1.2700e-003**	**0.1466**	**0.0385**	**1.1800e-003**	**0.0397**		**148.1657**	**148.1657**	**7.4700e-003**		**148.3225**

3.5 Architectural Coating - 2018

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	9.8762					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**10.1748**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

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	0.0108	0.0138	0.1713	4.4000e-004	0.0335	2.9000e-004	0.0338	8.8900e-003	2.7000e-004	9.1700e-003		34.1921	34.1921	1.7200e-003		34.2283
Total	**0.0108**	**0.0138**	**0.1713**	**4.4000e-004**	**0.0335**	**2.9000e-004**	**0.0338**	**8.8900e-003**	**2.7000e-004**	**9.1700e-003**		**34.1921**	**34.1921**	**1.7200e-003**		**34.2283**

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	9.8762					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	**10.1748**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**	**0.0000**	**281.4485**	**281.4485**	**0.0267**		**282.0102**

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	0.0108	0.0138	0.1713	4.4000e-004	0.0335	2.9000e-004	0.0338	8.8900e-003	2.7000e-004	9.1700e-003		34.1921	34.1921	1.7200e-003		34.2283
Total	**0.0108**	**0.0138**	**0.1713**	**4.4000e-004**	**0.0335**	**2.9000e-004**	**0.0338**	**8.8900e-003**	**2.7000e-004**	**9.1700e-003**		**34.1921**	**34.1921**	**1.7200e-003**		**34.2283**

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	1.7169	5.0696	20.5025	0.0524	3.4379	0.0753	3.5132	0.9193	0.0693	0.9886		4,477.3716	4,477.3716	0.1768		4,481.0847
Unmitigated	1.7169	5.0696	20.5025	0.0524	3.4379	0.0753	3.5132	0.9193	0.0693	0.9886		4,477.3716	4,477.3716	0.1768		4,481.0847

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	447.44	473.76	412.19	1,524,611	1,524,611
Total	447.44	473.76	412.19	1,524,611	1,524,611

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
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.532559	0.058242	0.178229	0.125155	0.038934	0.006273	0.016761	0.032323	0.002478	0.003154	0.003685	0.000544	0.001663

5.0 Energy Detail

4.4 Fleet Mix

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	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041
NaturalGas Unmitigated	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041

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					
Single Family Housing	3837.38	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041
Total		**0.0414**	**0.3536**	**0.1505**	**2.2600e-003**		**0.0286**	**0.0286**		**0.0286**	**0.0286**		**451.4566**	**451.4566**	**8.6500e-003**	**8.2800e-003**	**454.2041**

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					
Single Family Housing	3.83738	0.0414	0.3536	0.1505	2.2600e-003		0.0286	0.0286		0.0286	0.0286		451.4566	451.4566	8.6500e-003	8.2800e-003	454.2041
Total		**0.0414**	**0.3536**	**0.1505**	**2.2600e-003**		**0.0286**	**0.0286**		**0.0286**	**0.0286**		**451.4566**	**451.4566**	**8.6500e-003**	**8.2800e-003**	**454.2041**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	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	2.0604	0.0457	3.9211	2.0000e-004		0.0780	0.0780		0.0774	0.0774	0.0000	902.7467	902.7467	0.0242	0.0164	908.3453
Unmitigated	14.2940	0.3581	27.5408	0.0378		3.6115	3.6115		3.6110	3.6110	440.2452	852.9820	1,293.2271	1.3199	0.0299	1,330.2081

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					
Consumer Products	1.6751					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	12.3157	0.3125	23.6242	0.0376		3.5903	3.5903		3.5897	3.5897	440.2452	846.0000	1,286.2452	1.3129	0.0299	1,323.0790
Landscaping	0.1220	0.0457	3.9166	2.0000e-004		0.0213	0.0213		0.0213	0.0213		6.9820	6.9820	7.0100e-003		7.1291
Architectural Coating	0.1813					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**14.2940**	**0.3581**	**27.5408**	**0.0378**		**3.6115**	**3.6115**		**3.6110**	**3.6110**	**440.2452**	**852.9820**	**1,293.2271**	**1.3199**	**0.0299**	**1,330.2081**

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					
Consumer Products	1.6751					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0821	0.0000	4.4800e-003	0.0000		0.0567	0.0567		0.0561	0.0561	0.0000	895.7647	895.7647	0.0172	0.0164	901.2162
Landscaping	0.1220	0.0457	3.9166	2.0000e-004		0.0213	0.0213		0.0213	0.0213		6.9820	6.9820	7.0100e-003		7.1291
Architectural Coating	0.1813					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.0604**	**0.0457**	**3.9211**	**2.0000e-004**		**0.0780**	**0.0780**		**0.0774**	**0.0774**	**0.0000**	**902.7467**	**902.7467**	**0.0242**	**0.0164**	**908.3453**

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 Vegetation

Baldwin Park SF Residential Development

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	47.00	Dwelling Unit	3.20	84,600.00	134

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**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

Construction Phase - Construction questionnaire

Off-road Equipment -

Off-road Equipment - Construction Questionnaire

Off-road Equipment -

Off-road Equipment - Construction questionnaire

Trips and VMT - Projet site length -balanced cut and fill

Grading - Balanced cut and fill, no import or export

Vehicle Trips - From Traffic Impact Analysis

Construction Off-road Equipment Mitigation - per SCAQMD

Mobile Land Use Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	18.00	67.00
tblConstructionPhase	NumDays	230.00	413.00
tblConstructionPhase	NumDays	8.00	22.00
tblConstructionPhase	NumDays	18.00	22.00
tblConstructionPhase	PhaseEndDate	9/30/2016	10/1/2016
tblConstructionPhase	PhaseEndDate	6/1/2018	6/3/2018
tblGrading	AcresOfGrading	11.00	3.20
tblGrading	MaterialExported	0.00	2,400.00
tblGrading	MaterialImported	0.00	2,400.00
tblLandUse	LotAcreage	15.26	3.20
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.41	0.41
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.41	0.41
tblOffRoadEquipment	LoadFactor	0.30	0.30
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Surfacing Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblVehicleTrips	WD_TR	9.57	9.52

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					
2016	0.1343	1.3861	0.9242	1.3400e-003	0.0796	0.0765	0.1561	0.0397	0.0704	0.1101	0.0000	123.8473	123.8473	0.0315	0.0000	124.5092
2017	0.3375	3.3874	2.3355	3.5000e-003	0.0282	0.1914	0.2196	7.5700e-003	0.1760	0.1836	0.0000	318.1887	318.1887	0.0880	0.0000	320.0357
2018	0.4597	1.2557	0.9908	1.5700e-003	0.0122	0.0709	0.0831	3.2700e-003	0.0656	0.0689	0.0000	140.1841	140.1841	0.0380	0.0000	140.9812
Total	**0.9315**	**6.0292**	**4.2504**	**6.4100e-003**	**0.1201**	**0.3387**	**0.4588**	**0.0506**	**0.3120**	**0.3626**	**0.0000**	**582.2201**	**582.2201**	**0.1574**	**0.0000**	**585.5261**

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					
2016	0.1343	1.3861	0.9242	1.3400e-003	0.0367	0.0765	0.1132	0.0167	0.0704	0.0870	0.0000	123.8472	123.8472	0.0315	0.0000	124.5090
2017	0.3375	3.3874	2.3355	3.5000e-003	0.0282	0.1914	0.2196	7.5700e-003	0.1760	0.1836	0.0000	318.1883	318.1883	0.0880	0.0000	320.0354
2018	0.4597	1.2557	0.9908	1.5700e-003	0.0122	0.0709	0.0831	3.2700e-003	0.0656	0.0689	0.0000	140.1839	140.1839	0.0380	0.0000	140.9811
Total	**0.9315**	**6.0292**	**4.2504**	**6.4100e-003**	**0.0771**	**0.3387**	**0.4158**	**0.0275**	**0.3120**	**0.3395**	**0.0000**	**582.2194**	**582.2194**	**0.1574**	**0.0000**	**585.5255**

	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**	**35.77**	**0.00**	**9.36**	**45.62**	**0.00**	**6.36**	**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	tons/yr										MT/yr					
Area	0.5080	9.6100e-003	0.7849	5.0000e-004		0.0475	0.0475		0.0475	0.0475	4.9923	10.3852	15.3775	0.0157	3.4000e-004	15.8119
Energy	7.5500e-003	0.0645	0.0275	4.1000e-004		5.2200e-003	5.2200e-003		5.2200e-003	5.2200e-003	0.0000	172.8570	172.8570	5.9400e-003	2.3000e-003	173.6958
Mobile	0.2930	0.9336	3.5201	8.6800e-003	0.5779	0.0129	0.5908	0.1548	0.0119	0.1667	0.0000	673.4826	673.4826	0.0275	0.0000	674.0594
Waste						0.0000	0.0000		0.0000	0.0000	11.1523	0.0000	11.1523	0.6591	0.0000	24.9931
Water						0.0000	0.0000		0.0000	0.0000	0.9715	17.5483	18.5198	0.1006	2.5200e-003	21.4143
Total	**0.8085**	**1.0078**	**4.3324**	**9.5900e-003**	**0.5779**	**0.0657**	**0.6435**	**0.1548**	**0.0646**	**0.2194**	**17.1161**	**874.2730**	**891.3892**	**0.8088**	**5.1600e-003**	**909.9745**

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	0.3551	5.7100e-003	0.4896	3.0000e-005		3.3700e-003	3.3700e-003		3.3600e-003	3.3600e-003	0.0000	10.9495	10.9495	9.9000e-004	1.9000e-004	11.0281
Energy	7.5500e-003	0.0645	0.0275	4.1000e-004		5.2200e-003	5.2200e-003		5.2200e-003	5.2200e-003	0.0000	172.8570	172.8570	5.9400e-003	2.3000e-003	173.6958
Mobile	0.2930	0.9336	3.5201	8.6800e-003	0.5779	0.0129	0.5908	0.1548	0.0119	0.1667	0.0000	673.4826	673.4826	0.0275	0.0000	674.0594
Waste						0.0000	0.0000		0.0000	0.0000	11.1523	0.0000	11.1523	0.6591	0.0000	24.9931
Water						0.0000	0.0000		0.0000	0.0000	0.9715	17.5483	18.5198	0.1006	2.5200e-003	21.4127
Total	**0.6556**	**1.0039**	**4.0372**	**9.1200e-003**	**0.5779**	**0.0215**	**0.5994**	**0.1548**	**0.0205**	**0.1752**	**12.1238**	**874.8373**	**886.9612**	**0.7941**	**5.0100e-003**	**905.1891**

	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	**18.91**	**0.39**	**6.81**	**4.90**	**0.00**	**67.25**	**6.86**	**0.00**	**68.33**	**20.13**	**29.17**	**-0.06**	**0.50**	**1.82**	**2.91**	**0.53**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	9/1/2016	10/1/2016	5	22	
2	Building Construction	Building Construction	10/2/2016	5/2/2018	5	413	
3	Paving	Paving	5/3/2018	6/3/2018	5	22	
4	Architectural Coating	Architectural Coating	6/4/2018	9/4/2018	5	67	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 3.2

Acres of Paving: 0

Residential Indoor: 171,315; Residential Outdoor: 57,105; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	0	7.00	226	0.29
Building Construction	Excavators	1	8.00	162	0.38
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Graders	1	8.00	174	0.41
Building Construction	Pavers	1	8.00	125	0.42
Building Construction	Paving Equipment	1	8.00	130	0.36
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Trenchers	1	8.00	80	0.50
Building Construction	Welders	0	8.00	46	0.45
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Graders	1	8.00	174	0.41
Paving	Surfacing Equipment	1	8.00	253	0.30
Paving	Pavers	1	8.00	125	0.42
Paving	Paving Equipment	1	6.00	130	0.36
Paving	Rollers	0	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

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
Grading	6	15.00	0.00	300.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	17.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Grading - 2016

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					0.0682	0.0000	0.0682	0.0366	0.0000	0.0366	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0403	0.4229	0.2869	3.3000e-004		0.0242	0.0242		0.0223	0.0223	0.0000	30.8730	30.8730	9.3100e-003	0.0000	31.0686
Total	**0.0403**	**0.4229**	**0.2869**	**3.3000e-004**	**0.0682**	**0.0242**	**0.0924**	**0.0366**	**0.0223**	**0.0589**	**0.0000**	**30.8730**	**30.8730**	**9.3100e-003**	**0.0000**	**31.0686**

Unmitigated Construction Off-Site

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

Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0443	0.0336	1.1000e-004	2.5700e-003	6.2000e-004	3.1900e-003	7.0000e-004	5.7000e-004	1.2800e-003	0.0000	10.2323	10.2323	8.0000e-005	0.0000	10.2339
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	7.2000e-004	1.0500e-003	0.0110	2.0000e-005	1.8100e-003	2.0000e-005	1.8300e-003	4.8000e-004	2.0000e-005	5.0000e-004	0.0000	1.7643	1.7643	1.0000e-004	0.0000	1.7664
Total	**3.4700e-003**	**0.0454**	**0.0445**	**1.3000e-004**	**4.3800e-003**	**6.4000e-004**	**5.0200e-003**	**1.1800e-003**	**5.9000e-004**	**1.7800e-003**	**0.0000**	**11.9966**	**11.9966**	**1.8000e-004**	**0.0000**	**12.0003**

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					0.0253	0.0000	0.0253	0.0136	0.0000	0.0136	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0403	0.4229	0.2869	3.3000e-004		0.0242	0.0242		0.0223	0.0223	0.0000	30.8730	30.8730	9.3100e-003	0.0000	31.0685
Total	**0.0403**	**0.4229**	**0.2869**	**3.3000e-004**	**0.0253**	**0.0242**	**0.0495**	**0.0136**	**0.0223**	**0.0358**	**0.0000**	**30.8730**	**30.8730**	**9.3100e-003**	**0.0000**	**31.0685**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0443	0.0336	1.1000e-004	2.5700e-003	6.2000e-004	3.1900e-003	7.0000e-004	5.7000e-004	1.2800e-003	0.0000	10.2323	10.2323	8.0000e-005	0.0000	10.2339
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	7.2000e-004	1.0500e-003	0.0110	2.0000e-005	1.8100e-003	2.0000e-005	1.8300e-003	4.8000e-004	2.0000e-005	5.0000e-004	0.0000	1.7643	1.7643	1.0000e-004	0.0000	1.7664

Total	**3.4700e-003**	**0.0454**	**0.0445**	**1.3000e-004**	**4.3800e-003**	**6.4000e-004**	**5.0200e-003**	**1.1800e-003**	**5.9000e-004**	**1.7800e-003**	**0.0000**	**11.9966**	**11.9966**	**1.8000e-004**	**0.0000**	**12.0003**

3.3 Building Construction - 2016

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	0.0866	0.8995	0.5367	7.6000e-004		0.0514	0.0514		0.0473	0.0473	0.0000	71.8348	71.8348	0.0217	0.0000	72.2899
Total	**0.0866**	**0.8995**	**0.5367**	**7.6000e-004**		**0.0514**	**0.0514**		**0.0473**	**0.0473**	**0.0000**	**71.8348**	**71.8348**	**0.0217**	**0.0000**	**72.2899**

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	1.4600e-003	0.0149	0.0193	4.0000e-005	1.0000e-003	2.2000e-004	1.2200e-003	2.8000e-004	2.1000e-004	4.9000e-004	0.0000	3.2351	3.2351	2.0000e-005	0.0000	3.2356
Worker	2.4100e-003	3.5300e-003	0.0368	8.0000e-005	6.0500e-003	6.0000e-005	6.1100e-003	1.6100e-003	5.0000e-005	1.6600e-003	0.0000	5.9078	5.9078	3.4000e-004	0.0000	5.9148
Total	**3.8700e-003**	**0.0184**	**0.0561**	**1.2000e-004**	**7.0500e-003**	**2.8000e-004**	**7.3300e-003**	**1.8900e-003**	**2.6000e-004**	**2.1500e-003**	**0.0000**	**9.1429**	**9.1429**	**3.6000e-004**	**0.0000**	**9.1504**

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	0.0866	0.8995	0.5367	7.6000e-004		0.0514	0.0514		0.0473	0.0473	0.0000	71.8348	71.8348	0.0217	0.0000	72.2898
Total	**0.0866**	**0.8995**	**0.5367**	**7.6000e-004**		**0.0514**	**0.0514**		**0.0473**	**0.0473**	**0.0000**	**71.8348**	**71.8348**	**0.0217**	**0.0000**	**72.2898**

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	1.4600e-003	0.0149	0.0193	4.0000e-005	1.0000e-003	2.2000e-004	1.2200e-003	2.8000e-004	2.1000e-004	4.9000e-004	0.0000	3.2351	3.2351	2.0000e-005	0.0000	3.2356
Worker	2.4100e-003	3.5300e-003	0.0368	8.0000e-005	6.0500e-003	6.0000e-005	6.1100e-003	1.6100e-003	5.0000e-005	1.6600e-003	0.0000	5.9078	5.9078	3.4000e-004	0.0000	5.9148
Total	**3.8700e-003**	**0.0184**	**0.0561**	**1.2000e-004**	**7.0500e-003**	**2.8000e-004**	**7.3300e-003**	**1.8900e-003**	**2.6000e-004**	**2.1500e-003**	**0.0000**	**9.1429**	**9.1429**	**3.6000e-004**	**0.0000**	**9.1504**

3.3 Building Construction - 2017

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	0.3235	3.3204	2.1296	3.0500e-003		0.1903	0.1903		0.1751	0.1751	0.0000	282.7094	282.7094	0.0866	0.0000	284.5285
Total	**0.3235**	**3.3204**	**2.1296**	**3.0500e-003**		**0.1903**	**0.1903**		**0.1751**	**0.1751**	**0.0000**	**282.7094**	**282.7094**	**0.0866**	**0.0000**	**284.5285**

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	5.3300e-003	0.0542	0.0731	1.4000e-004	3.9900e-003	8.0000e-004	4.7800e-003	1.1400e-003	7.3000e-004	1.8700e-003	0.0000	12.7337	12.7337	9.0000e-005	0.0000	12.7357
Worker	8.6500e-003	0.0128	0.1328	3.1000e-004	0.0242	2.2000e-004	0.0244	6.4300e-003	2.1000e-004	6.6400e-003	0.0000	22.7455	22.7455	1.2400e-003	0.0000	22.7715
Total	**0.0140**	**0.0669**	**0.2059**	**4.5000e-004**	**0.0282**	**1.0200e-003**	**0.0292**	**7.5700e-003**	**9.4000e-004**	**8.5100e-003**	**0.0000**	**35.4792**	**35.4792**	**1.3300e-003**	**0.0000**	**35.5072**

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	0.3235	3.3204	2.1296	3.0500e-003		0.1903	0.1903		0.1751	0.1751	0.0000	282.7091	282.7091	0.0866	0.0000	284.5282
Total	**0.3235**	**3.3204**	**2.1296**	**3.0500e-003**		**0.1903**	**0.1903**		**0.1751**	**0.1751**	**0.0000**	**282.7091**	**282.7091**	**0.0866**	**0.0000**	**284.5282**

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	5.3300e-003	0.0542	0.0731	1.4000e-004	3.9900e-003	8.0000e-004	4.7800e-003	1.1400e-003	7.3000e-004	1.8700e-003	0.0000	12.7337	12.7337	9.0000e-005	0.0000	12.7357
Worker	8.6500e-003	0.0128	0.1328	3.1000e-004	0.0242	2.2000e-004	0.0244	6.4300e-003	2.1000e-004	6.6400e-003	0.0000	22.7455	22.7455	1.2400e-003	0.0000	22.7715
Total	**0.0140**	**0.0669**	**0.2059**	**4.5000e-004**	**0.0282**	**1.0200e-003**	**0.0292**	**7.5700e-003**	**9.4000e-004**	**8.5100e-003**	**0.0000**	**35.4792**	**35.4792**	**1.3300e-003**	**0.0000**	**35.5072**

3.3 Building Construction - 2018

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	0.0940	0.9540	0.7044	1.0300e-003		0.0543	0.0543		0.0499	0.0499	0.0000	94.1033	94.1033	0.0293	0.0000	94.7185
Total	**0.0940**	**0.9540**	**0.7044**	**1.0300e-003**		**0.0543**	**0.0543**		**0.0499**	**0.0499**	**0.0000**	**94.1033**	**94.1033**	**0.0293**	**0.0000**	**94.7185**

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	1.6900e-003	0.0169	0.0238	5.0000e-005	1.3500e-003	2.5000e-004	1.6000e-003	3.9000e-004	2.3000e-004	6.2000e-004	0.0000	4.2387	4.2387	3.0000e-005	0.0000	4.2393
Worker	2.6200e-003	3.9200e-003	0.0407	1.0000e-004	8.2000e-003	7.0000e-005	8.2700e-003	2.1800e-003	7.0000e-005	2.2400e-003	0.0000	7.4163	7.4163	3.9000e-004	0.0000	7.4245
Total	**4.3100e-003**	**0.0208**	**0.0645**	**1.5000e-004**	**9.5500e-003**	**3.2000e-004**	**9.8700e-003**	**2.5700e-003**	**3.0000e-004**	**2.8600e-003**	**0.0000**	**11.6550**	**11.6550**	**4.2000e-004**	**0.0000**	**11.6638**

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	0.0940	0.9540	0.7044	1.0300e-003		0.0543	0.0543		0.0499	0.0499	0.0000	94.1032	94.1032	0.0293	0.0000	94.7184
Total	**0.0940**	**0.9540**	**0.7044**	**1.0300e-003**		**0.0543**	**0.0543**		**0.0499**	**0.0499**	**0.0000**	**94.1032**	**94.1032**	**0.0293**	**0.0000**	**94.7184**

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	1.6900e-003	0.0169	0.0238	5.0000e-005	1.3500e-003	2.5000e-004	1.6000e-003	3.9000e-004	2.3000e-004	6.2000e-004	0.0000	4.2387	4.2387	3.0000e-005	0.0000	4.2393
Worker	2.6200e-003	3.9200e-003	0.0407	1.0000e-004	8.2000e-003	7.0000e-005	8.2700e-003	2.1800e-003	7.0000e-005	2.2400e-003	0.0000	7.4163	7.4163	3.9000e-004	0.0000	7.4245

Total	**4.3100e-003**	**0.0208**	**0.0645**	**1.5000e-004**	**9.5500e-003**	**3.2000e-004**	**9.8700e-003**	**2.5700e-003**	**3.0000e-004**	**2.8600e-003**	**0.0000**	**11.6550**	**11.6550**	**4.2000e-004**	**0.0000**	**11.6638**

3.4 Paving - 2018

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	0.0198	0.2124	0.1466	2.6000e-004		0.0112	0.0112		0.0103	0.0103	0.0000	23.4581	23.4581	7.3000e-003	0.0000	23.6114
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0198**	**0.2124**	**0.1466**	**2.6000e-004**		**0.0112**	**0.0112**		**0.0103**	**0.0103**	**0.0000**	**23.4581**	**23.4581**	**7.3000e-003**	**0.0000**	**23.6114**

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	5.0000e-004	7.5000e-004	7.7800e-003	2.0000e-005	1.5700e-003	1.0000e-005	1.5800e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.4178	1.4178	7.0000e-005	0.0000	1.4194
Total	**5.0000e-004**	**7.5000e-004**	**7.7800e-003**	**2.0000e-005**	**1.5700e-003**	**1.0000e-005**	**1.5800e-003**	**4.2000e-004**	**1.0000e-005**	**4.3000e-004**	**0.0000**	**1.4178**	**1.4178**	**7.0000e-005**	**0.0000**	**1.4194**

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	0.0198	0.2124	0.1466	2.6000e-004		0.0112	0.0112		0.0103	0.0103	0.0000	23.4580	23.4580	7.3000e-003	0.0000	23.6114
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0198**	**0.2124**	**0.1466**	**2.6000e-004**		**0.0112**	**0.0112**		**0.0103**	**0.0103**	**0.0000**	**23.4580**	**23.4580**	**7.3000e-003**	**0.0000**	**23.6114**

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	5.0000e-004	7.5000e-004	7.7800e-003	2.0000e-005	1.5700e-003	1.0000e-005	1.5800e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.4178	1.4178	7.0000e-005	0.0000	1.4194
Total	**5.0000e-004**	**7.5000e-004**	**7.7800e-003**	**2.0000e-005**	**1.5700e-003**	**1.0000e-005**	**1.5800e-003**	**4.2000e-004**	**1.0000e-005**	**4.3000e-004**	**0.0000**	**1.4178**	**1.4178**	**7.0000e-005**	**0.0000**	**1.4194**

3.5 Architectural Coating - 2018

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	0.3309					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0100	0.0672	0.0621	1.0000e-004		5.0400e-003	5.0400e-003		5.0400e-003	5.0400e-003	0.0000	8.5534	8.5534	8.1000e-004	0.0000	8.5705
Total	**0.3409**	**0.0672**	**0.0621**	**1.0000e-004**		**5.0400e-003**	**5.0400e-003**		**5.0400e-003**	**5.0400e-003**	**0.0000**	**8.5534**	**8.5534**	**8.1000e-004**	**0.0000**	**8.5705**

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	3.5000e-004	5.3000e-004	5.4700e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9965	0.9965	5.0000e-005	0.0000	0.9976
Total	**3.5000e-004**	**5.3000e-004**	**5.4700e-003**	**1.0000e-005**	**1.1000e-003**	**1.0000e-005**	**1.1100e-003**	**2.9000e-004**	**1.0000e-005**	**3.0000e-004**	**0.0000**	**0.9965**	**0.9965**	**5.0000e-005**	**0.0000**	**0.9976**

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	0.3309					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0100	0.0672	0.0621	1.0000e-004		5.0400e-003	5.0400e-003		5.0400e-003	5.0400e-003	0.0000	8.5534	8.5534	8.1000e-004	0.0000	8.5705
Total	**0.3409**	**0.0672**	**0.0621**	**1.0000e-004**		**5.0400e-003**	**5.0400e-003**		**5.0400e-003**	**5.0400e-003**	**0.0000**	**8.5534**	**8.5534**	**8.1000e-004**	**0.0000**	**8.5705**

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	3.5000e-004	5.3000e-004	5.4700e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9965	0.9965	5.0000e-005	0.0000	0.9976
Total	**3.5000e-004**	**5.3000e-004**	**5.4700e-003**	**1.0000e-005**	**1.1000e-003**	**1.0000e-005**	**1.1100e-003**	**2.9000e-004**	**1.0000e-005**	**3.0000e-004**	**0.0000**	**0.9965**	**0.9965**	**5.0000e-005**	**0.0000**	**0.9976**

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	0.2930	0.9336	3.5201	8.6800e-003	0.5779	0.0129	0.5908	0.1548	0.0119	0.1667	0.0000	673.4826	673.4826	0.0275	0.0000	674.0594
Unmitigated	0.2930	0.9336	3.5201	8.6800e-003	0.5779	0.0129	0.5908	0.1548	0.0119	0.1667	0.0000	673.4826	673.4826	0.0275	0.0000	674.0594

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Single Family Housing	447.44	473.76	412.19	1,524,611	1,524,611
Total	447.44	473.76	412.19	1,524,611	1,524,611

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
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.532559	0.058242	0.178229	0.125155	0.038934	0.006273	0.016761	0.032323	0.002478	0.003154	0.003685	0.000544	0.001663

5.0 Energy Detail

4.4 Fleet Mix

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	98.1133	98.1133	4.5100e-003	9.3000e-004	98.4972
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	98.1133	98.1133	4.5100e-003	9.3000e-004	98.4972
NaturalGas Mitigated	7.5500e-003	0.0645	0.0275	4.1000e-004		5.2200e-003	5.2200e-003		5.2200e-003	5.2200e-003	0.0000	74.7437	74.7437	1.4300e-003	1.3700e-003	75.1986
NaturalGas Unmitigated	7.5500e-003	0.0645	0.0275	4.1000e-004		5.2200e-003	5.2200e-003		5.2200e-003	5.2200e-003	0.0000	74.7437	74.7437	1.4300e-003	1.3700e-003	75.1986

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					
Single Family Housing	1.40064e+006	7.5500e-003	0.0645	0.0275	4.1000e-004		5.2200e-003	5.2200e-003		5.2200e-003	5.2200e-003	0.0000	74.7437	74.7437	1.4300e-003	1.3700e-003	75.1986
Total		**7.5500e-003**	**0.0645**	**0.0275**	**4.1000e-004**		**5.2200e-003**	**5.2200e-003**		**5.2200e-003**	**5.2200e-003**	**0.0000**	**74.7437**	**74.7437**	**1.4300e-003**	**1.3700e-003**	**75.1986**

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					
Single Family Housing	1.40064e+006	7.5500e-003	0.0645	0.0275	4.1000e-004		5.2200e-003	5.2200e-003		5.2200e-003	5.2200e-003	0.0000	74.7437	74.7437	1.4300e-003	1.3700e-003	75.1986
Total		**7.5500e-003**	**0.0645**	**0.0275**	**4.1000e-004**		**5.2200e-003**	**5.2200e-003**		**5.2200e-003**	**5.2200e-003**	**0.0000**	**74.7437**	**74.7437**	**1.4300e-003**	**1.3700e-003**	**75.1986**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	342853	98.1133	4.5100e-003	9.3000e-004	98.4972

Total		**98.1133**	**4.5100e-003**	**9.3000e-004**	**98.4972**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	342853	98.1133	4.5100e-003	9.3000e-004	98.4972
Total		**98.1133**	**4.5100e-003**	**9.3000e-004**	**98.4972**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	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	0.3551	5.7100e-003	0.4896	3.0000e-005		3.3700e-003	3.3700e-003		3.3600e-003	3.3600e-003	0.0000	10.9495	10.9495	9.9000e-004	1.9000e-004	11.0281
Unmitigated	0.5080	9.6100e-003	0.7849	5.0000e-004		0.0475	0.0475		0.0475	0.0475	4.9923	10.3852	15.3775	0.0157	3.4000e-004	15.8119

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	0.0331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3057					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1540	3.9100e-003	0.2953	4.7000e-004		0.0449	0.0449		0.0449	0.0449	4.9923	9.5935	14.5858	0.0149	3.4000e-004	15.0035
Landscaping	0.0152	5.7100e-003	0.4896	3.0000e-005		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	0.7917	0.7917	7.9000e-004	0.0000	0.8084
Total	**0.5080**	**9.6200e-003**	**0.7849**	**5.0000e-004**		**0.0475**	**0.0475**		**0.0475**	**0.0475**	**4.9923**	**10.3852**	**15.3775**	**0.0157**	**3.4000e-004**	**15.8119**

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					
Consumer Products	0.3057					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.0300e-003	0.0000	6.0000e-005	0.0000		7.1000e-004	7.1000e-004		7.0000e-004	7.0000e-004	0.0000	10.1578	10.1578	1.9000e-004	1.9000e-004	10.2196
Landscaping	0.0152	5.7100e-003	0.4896	3.0000e-005		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	0.7917	0.7917	7.9000e-004	0.0000	0.8084
Architectural Coating	0.0331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.3551**	**5.7100e-003**	**0.4896**	**3.0000e-005**		**3.3700e-003**	**3.3700e-003**		**3.3600e-003**	**3.3600e-003**	**0.0000**	**10.9495**	**10.9495**	**9.8000e-004**	**1.9000e-004**	**11.0281**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	18.5198	0.1006	2.5200e-003	21.4127
Unmitigated	18.5198	0.1006	2.5200e-003	21.4143

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	3.06224 / 1.93054	18.5198	0.1006	2.5200e-003	21.4143
Total		**18.5198**	**0.1006**	**2.5200e-003**	**21.4143**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Single Family Housing	3.06224 / 1.93054	18.5198	0.1006	2.5200e-003	21.4127
Total		**18.5198**	**0.1006**	**2.5200e-003**	**21.4127**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	11.1523	0.6591	0.0000	24.9931
Unmitigated	11.1523	0.6591	0.0000	24.9931

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	54.94	11.1523	0.6591	0.0000	24.9931
Total		**11.1523**	**0.6591**	**0.0000**	**24.9931**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	54.94	11.1523	0.6591	0.0000	24.9931
Total		**11.1523**	**0.6591**	**0.0000**	**24.9931**

9.0 Operational Offroad

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

10.0 Vegetation

Appendix C
Geotechnical Evaluation

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Duco Engineering, Incorporated

soil testing | soil & geologic investigations | fill control

REPORT OF GEOTECHNICAL EVALUATION

PROPOSED RESIDENCE

14827-14839 Pacific Avenue

Baldwin Park, CA

FOR:

Mega 5 Partners, Inc.

c/o Land Development Consultants, Inc.

1520 Brookhollow Dr.

Santa Ana, CA 92705

August 18, 2014

Job No.: 14-038

20938 Currier road Walnut, CA 91789 | 909.594.7414 | 800.650.4910 | fax: 909.594.3853

Introduction

The purpose of this evaluation is to provide a preliminary feasibility evaluation of soil conditions at the subject site located at 14827-14839 Pacific Avenue in the City of Baldwin Park, as part of a due diligence study. This study provides potential grading and construction recommendations to aid in the preliminary engineering design, and preparation of the proposed lot. Due to the nature of the investigation, and the lack of availability of any preliminary design or site plans, this report is not anticipated for use in the final design or permitting processes.

1.1 Proposed Construction

While no information was provided this firm regarding proposed construction, the assumptions made for expected use are one- or two-story, single- or multi-family residences, with conventional wood and stucco construction. The analysis and recommendations contained herein are predicated upon this assumption. Anticipated grading of this lot would likely involve cut and fill regrading of the existing ground surface for the proposed development, in addition to providing adequate drainage. No retaining walls are expected, however a small retaining wall may be necessary to achieve the desired finished grade and to aid in drainage. Recommendations shall include remedial grading for the proposed construction on continuous and pad foundations. Slab-on-grade floors are assumed. The proposed construction will connect to the existing city sewer located in the street.

1.2 Field Exploration

On August 6, 2014, this firm performed a field reconnaissance at the subject site. Subsurface exploration involved excavating three (3) test holes, utilizing a truck-mounted drill rig. These test holes were logged, and subsurface conditions were logged using a standard penetrometer. Test holes were excavated to a maximum depth of 17 feet, and were backfilled upon completion of testing. While some settlement may occur over time at the test hole locations, at the client's request, recompaction of these areas may be accommodated into the grading process. The locations of the test holes and a sketch of the proposed site are attached as Figure No. 1; test hole logs can be found in Appendix A.

1.3 Laboratory Testing

Laboratory testing for this project was limited to the testing of on-site materials. A brief description of each type of test is presented below. Specific results are included in Appendix B.

In addition to the in-situ field tests, permeability testing on the subject soils was conducted using ASTM D2434, to provide preliminary design values for infiltration. The opinion of this firm is that this test method provides accurate design data suitable for initial design. However, the County of Los Angeles does not currently recognize this method, and further testing may be required to satisfy the governing authorities.

Expansion tests were performed on representative surface soils in general accordance with the standard procedure of Expansion Index test ASTM 4829. In this testing procedure, the remolded sampled is compacted at 50 percent saturation and after remolding, the sample is confined under a pressure of 144 psf. and allowed to soak for twenty-four hours. The resulting volume change due

to an increase in moisture content is recorded together along with the initial moisture content and dry density. The corresponding Expansion Index is presented in Appendix B.

Corrosivity tests were previously performed on composite samples to evaluate the pH and electrical resistance of the soils. These tests were reportedly conducted in general accordance with California Test method No. 643. Soluble Chlorides were evaluated in general accordance with California test method No. 422. The concentration of soluble sulfate was also evaluated in general accordance with California test method No. 417. Duco Engineering, Inc. does not practice corrosion engineering. We recommend a competent corrosion engineer be retained to further evaluate and test the site soils, as required, to provide specific corrosion mitigation methods appropriate for the project.

2.0 Site Conditions

Site Description

The site consists of a rectangularly shaped lot on the northeast side of Pacific Avenue, near Puente Avenue in Baldwin Park, located in the plains of the San Gabriel Valley. At the time of exploration, this site was vacant, although a curb, sidewalk, and multiple drive approaches currently exist. The property is largely flat, and drains slightly from north to south, with approximately 3 feet change in elevation. There are no slopes on the site and, to our knowledge, none are proposed to be constructed.

At the time of our evaluation the site was sparsely covered by wild grass and weeds. Wild plants and shrubs edged the property line. Any cavities remaining

from tree or stump removal are to be removed and recompacted during the grading process.

2.1 Subsurface Conditions

Fill soils were encountered to a depth of approximately one to two feet, with soft surficial soils extending to approximately five feet. All fill and soft surficial soils should be expected to be removed and recompacted. Localized fills and necessary removal depths may be deeper and associated with past grading and unforeseen subsurface structures, and predicated upon final design. Details of these trenches can be found in the log of borings Appendix A.

2.2 Fill Soils

Fill soils consisted of silty fine sands, with scattered solid debris and trash. These soils are not suitable for support of foundations or additional fill soils and shall be entirely removed and re-compacted during the remedial grading procedure.

3.0 Geologic Summary

The site is located in the alluvial plains that emanate from the San Gabriel Mountains. No landslides were encountered during our site evaluation and none are known to exist on the property or at a location that would impact the project. Hazards associated with Seismic Hazard Mapping (liquefaction) were not found on site. No ground water was encountered in any holes to the depths explored and none is expected at an elevation that would affect the proposed site development.

4.0 Conclusions and Recommendations

4.1 Site Conditions

Conditions at the site are considered feasible for the reasonably anticipate design development.

4.2 Onsite Fill Soils

Based on our field evaluation, fill soils were encountered as noted. It is our opinion that all fill soils should be entirely removed and/or recompacted at the site beneath all proposed structures, including patios and porches and associated footings. Any imported soils to be used for fill shall be evaluated prior to importing.

4.3 Expansive Soils

Expansion testing was performed on the encountered onsite soils. These soils were found to have a very low expansion potential. Results of these tests can be found in Appendix B. During grading procedures it is possible that those soils used to finish the pad that will directly affect the surrounding foundations will vary. An expansion test and revision of these recommendations may be necessary.

The minimum engineering construction measures that should be anticipated for the onsite soils are as follows. Floor slabs shall be 4 inches thick and reinforced with #3 rebar eighteen inches on center. Slabs shall be cast on 4 inches of washed concrete sand with a 10 mil vapor barrier in the center of the sand layer. Typical foundation reinforcement consists of one or two #4 rebars in the top and

bottom of the footings. Additional reinforcement may be necessary at the discretion of the structural engineer. A grade beam shall be placed across any garage type door opening.

4.4 Seismic Design Considerations

4.4.1 Design Criteria

The following parameters based on ASCE 7-10 may be used for the proposed structural design in accordance with Section 1613 of the CBC:

Site Class	D
S_s	2.142
S_1	0.760
F_a	1.0
F_v	1.5
S_{MS}	2.142
S_{M1}	1.140

5. Corrosivity

A representative sample of the onsite soil was previously obtained for Corrosivity testing in the referenced report. Results of those tests are presented in Appendix B. Based on the results of the tests, the onsite soils are considered to be moderately corrosive with respect to resistivity only. On site soils are not considered corrosive to concrete. It is recommended that all metal pipes should be wrapped in a tape coating system, sleeved, coated with a high quality dielectric coating, or embedded in 3 sac slurry mix using type V cement. Bond underground steel pipes with rubber gasketed or other nonconductive type joints for electrical continuity. Copper pipes should be placed in a poly-sleeve or other appropriate material and protected from soil contact. Consideration should be given to running overhead.

6.0 Site Preparation and Grading

The following recommendations provide a synopsis of the recommended grading operation. Due to the soft surface/fill and their potential for differential settlement it is recommended that all fill soils and the soft surface soils be removed and recompacted within the entire building area; depths to 5 feet below ground surface should be expected. In addition, all fill and natural ground shall be removed and recompacted within the building area to provide a compacted fill mat 36 inches below the bottom of the proposed footings.

Areas to receive fill will be stripped of all vegetation, all artificial fill and topsoil. Removals could range four based on actual design grades, localized areas may be deeper. This removal should extend to a minimum lateral distance of 5 feet beyond the building line including porches and patios and associated foundations or to a depth equal to the depth of compacted fill. The aforementioned

recommendation shall be considered adequate remediation for the cut/fill grading transition.

Any basements, sewage lines and/or tanks shall be entirely removed. Seepage pits shall be filled with 3 sac slurry and cut five feet below grade then compacted fill shall be placed atop the filled excavation to the proposed finish grade.

6.1 Demolition and Debris Disposal

Any demolition debris, and debris encountered in the clearing and grubbing and all vegetation is to be cleared and hauled offsite. Any existing or abandoned utilities located within the proposed development area should be removed or relocated.

6.2 Grading Recommendations

After removal of all debris and vegetation and conforming to those recommendations previously set forth in site preparation and grading, fill soils may be recompacted. Prior to recompaction of these materials all excavations will be inspected and approved and prior to placing fill. The bottom of the approved excavation will be properly scarified; moisture conditioned and compacted to a depth of eight (8) inches prior to filling. Fill soils will be spread in six to eight (6-8) inch loose lifts and contain 115% to 125% of optimum moisture content and then recompacted to in excess of 90% of the maximum density. The maximum density will be evaluated by ASTM D-1557 or equivalent.

6.3 Shrinkage

An average shrinkage factor of 15-20% should be anticipated when excavating and recompacting onsite surface soils.

7.0 Concrete Flatwork and Hardscape

Areas to receive hardscape should have the upper one (1) foot of natural soil or subgrade soil, whichever is deeper, recompacted to a minimum of 90%. Moisture content of subgrade soils should be maintained above optimum moisture. Concrete flatwork shall be four (4) inches thick and consideration should be given to reinforcing with 6x6-10/10 welded wire mesh or #3 rebar 18 inches on center each way. Control joints shall be provided, a minimum of one inch deep, eight feet on center. All flatwork should be poured independent of the proposed structure and be separated by an expansion joint (felt).

Pavement areas of proposed asphalt driveways should be overexcavated and recompacted to 90%. Removal should extend two feet below subgrade or the natural ground whichever is deeper. If all the old fill is not removed in the paving and hardscape areas, some settlement should be expected. Any borrow areas (streets, yards) shall be documented with survey elevation to assure proper future filling and compaction.

8.0 Temporary Excavations

All excavations must comply with current OSHA standards, state, local and federal safety regulations. All excavations should be sloped at an angle of 1:1. Surcharge loading, including stockpiled soil, should be placed 1:1 the excavation height back from the top of the excavation.

9.0 Foundation Recommendations

Continuous and square footings shall be founded entirely on competent compacted fill; based on anticipated development, foundations should be 12 and 18 inches deep minimum and 12 and 15 inches wide, respectively, for one- and two-story structures.

Based on standard penetration test correlations, allowable bearing capacity of the on-site natural soils is expected to be approximately 1800 psf. A lateral bearing value of 200 psf/ft with a coefficient of friction 0.3 is anticipated where concrete is poured in direct contact with the compacted fill. In these conditions, foundation recommendations usually consist of two #4 rebars in the top and bottom of the footings. Additional reinforcement may be necessary at the discretion of the structural engineer.

10.0 Retaining Wall Recommendations

Retaining walls are not anticipated; however, should any retaining walls be proposed, further geotechnical evaluation will be necessary. All walls should be drained with a subdrain and backfilled and compacted to 90% of the maximum density. Retaining wall foundations imbedded into compacted fill or approved natural ground (deeper) may be designed using the above foundation recommendations.

11.0 Drainage

All site drainage should be collected and transferred to the street or approved storm water drainage structure. No drainage should pond against any foundation or retaining wall. Drainage should not be allowed to flow uncontrolled over any

slope or pond at the top of any slope. Preliminary infiltration design may use an estimated infiltration rate of 2.34 in/hr, based upon laboratory testing as previously described.

Any planned area drains should be recessed below grade to allow the free flow of water into the drain inlet. Flatwork and concrete walks should be at an elevation such that they will not obstruct the flow of surface water. Proper drainage should be maintained at all times. It is also recommended that roof gutters be placed on the building and roof gutter water be directed into an appropriate drainage device.

12.0 Geotechnical Review/Closure

Further analysis and subsurface exploration will be necessary to provide precise site-specific design criteria and grading recommendations, all of which shall be based upon the finalized grading plan. Observation, inspection and testing should be performed during grading and construction by a representative of the geotechnical engineer.

Site preparation, fill material removal and recompaction, foundation and soil preparation for construction should also be reviewed by a geotechnical engineer. These additional services are not a part of this report and are provided at an additional cost.

The findings in this report are based and prepared in accordance with generally accepted geotechnical engineering practices.

Should you have any questions with regard to this report of the recommendations contained herein, please contact this office.

Respectfully submitted,

DUCO ENGINEERING INC. **Approved by,**

_____ _____

Daniel Dufrenne Frank C. Stillman GE 805

APPENDIX A

APPENDIX B

LABORATORY TESTING

Laboratory tests were performed in general accordance with test methods of the American Society for Testing and Material (ASTM) or other suggested methods.

The results of the laboratory tests are presented on the following tables. The moisture content results are indicated on the exploratory boring logs.

TABLE B-1

SUMMARY OF LABORATORY MAXIMUM DRY DENSITY, OPTIUMUM MOISTURE CONTENT AND EXPANISON INDEX (ASTM D-1557), (UBC 18-2)

Soil Type	Maximum Density	Optimum Moisture	Expansion Index
A- Silty Sand w/ Gravel	127.2 PCF	9.5%	0

TABLE B-11

SUMMARY OF CORROSIVE TESTING (CALIFORNIA 417, 422, 643)

Soluble Sulfate per CA. 417	Soluble Chloride per CA. 422	Minimum Resistivity per CA. 643	pH
79 ppm	118 ppm	2738 ohm-cm	6.4

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Appendix D
Phase I Environmental Site Assessment

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July 22, 2014

Mega 5 Partners, Inc.
2863 Maricopa Street
Torrance, CA 90503

ATTN: Mr. Allan Lui

RE: Transmittal of Phase I Environmental Site Assessment Report for 14827, 14833 & 14839 Pacific Avenue, Baldwin Park, California, Ecobility Project Number: 032-14-001-1.

Dear Mr. Lui:

Please fine attached a copy of the Phase I Environmental Site Report for the above referenced property. The report reflects the condition of the Subject Property on the date of the assessment and may not reflect its current condition.

This cover letter is an inherent part of the reports provided. If you have any questions or comments, or need additional information, please call our office at (310) 910-1499. Ecobility appreciates the opportunity to work with you on this project, and trusts that this information is sufficient for you needs.

Sincerely,

Valerie Marshall

Valerie Marshall
Senior Environmental Scientist

Attachments: PDF Copy of the Report

PHASE I ENVIRONMENTAL ASSESSMENT REPORT

14827, 14833 & 14839 Pacific Avenue
Baldwin Park, CA 91706

Prepared For:

Mega 5 Partners, Inc.
2863 Maricopa Street
Torrance, CA 90503

Prepared By:

Ecobility Corporation
P.O. Box 2651
Palos Verdes Penninsula, CA 90274

Project Number 032-14-001-1
July 22, 2014

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1.0 GENERAL INFORMATION

Project Information:
PACIFIC AVENUE PROJECT
Project Number:
032-14-001-1

Consultant Information:
Ecobility Corporation
P.O. Box 2651
Palos Verdes Penninsula, CA 90274
Phone: (310) 910-1499
Fax: (310) 377-3745
E-mail Address: valerie.marshall@ecobilitycorp.com
Inspection Date: 07/08/2014
Report Date: 07/22/2014

Site Information:

14833 Pacific Avenue
Baldwin Park, CA 91706
County: Los Angeles
Latitude, Longitude: 34.081000, -117.953500
Site Access Contact:

Client Information:
Mega 5 Partners, Inc.
Mr. Allan Lui
2863 Maricopa Street
Torrance, CA 90503

Site Assessor:
Valerie Marshall
Senior Environmental Scientist

Senior Reviewer:
Michael M. Mooradian
Principal

Certification:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 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 and the professional judgment to develop opinions conclusions regarding conditions indicative of releases or threatened releases. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Valerie Marshall - Senior Environmental Scientist

2.0 SUMMARY AND EVALUATION

Ecobility Corporation (Ecobility) has performed a Phase I Environmental Site Assessment (ESA), in conformance with the scope and limitation of ASTM E 1527-13 for the property located at 14827, 14833 and 14839 Pacific Avenue in the City of Baldwin Park, California (See Figure 1). The Phase I ESA was conducted in general accordance with Ecobility's proposal dated July 2, 2014.

The Subject Property is comprised of one rectangular parcel (APNs: 8438-015-037, 8438-015-43, 8438-015-047 and 8438-015-059) of land that totals approximately 3.188 acres. Access to the property is from Pacific Avenue to the south. At the time of assessment, the Subject Property was a unimproved vacant dirt lot. No structures or roads were present on the Subject Property.

Based on the review of historic topographic maps and aerial photographs the Subject Property was undeveloped land from approximately 1894 to 1927 and agricultural land from approximately 1927 to 1952. In 1952 the western most parcel is agricultural and the remaining three parcels appear to be residential with small residential structures. The property appeared to be residential from approximately 1952 to 2005 and then vacant from 2009 to 2012. Only one of the four parcels (14839 Pacific Avenue) is listed in City Directories in 1975, 1980 and 1985 as Glady's Chase Rest Home. The remaining three parcels were not listed in the City Directories searched.

Ecobility reviewed Federal, state and local regulatory databases provided Environmental Data Resources, Inc. (EDR) to assess the Subject Property and known or suspected sites of environmental contamination within the search distance from the Subject Property as specified in ASTM Standard E 1527-13. The Subject Property was not listed on any federal, state or local regulatory databases.

Based on the Tier 1 assessment conducted in general accordance with ASTM E 2600-10, no sites with the 1/3 mile radius or area of concern were identified as existing or likely existing vapor encroachment conditions to the Subject Property.

The property is located in a residential area, mixed with commercial businesses southeast along Pacific Avenue and northeast, east and southeast along Puente Avenue. The surrounding property is residential to the north, west and south, with a mixture of residential and commercial/retail businesses to the east, northeast and southeast.

2.1 ENVIRONMENTAL REPORT SUMMARY TABLE

Ecobility Corporation has performed a Phase I Environmental Site Assessment in conformance with the Scope of Work developed in cooperation with the client and the provisions of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in various sections of this report.

Within the scope of this investigation, Ecobility Corporation discovered evidence of recognized environmental conditions in connection with the Subject Property. The findings and conclusions of this report are discussed below.

Report Section		DATA GAP	HREC	REC	CREC	Further Investigation	Comments
3.8	**ADJOINING PROPERTY INFORMATION**	No	No	No	No		
5.1	**STANDARD ENVIRONMENTAL DATABASE RECORDS**	No	No	Yes	No		The SGV Area 2 Superfund Site, a regional groundwater contamination plume that is located beneath the Subject Property, and a large portion of the San Gabriel Valley, is considered a REC to the Subject Property.
5.3.1	**HISTORICAL SUMMARY**	No	No	No	No		
6.3.1	**HAZARDOUS SUBSTANCES**	No	No	No	No		
6.3.2	**PETROLEUM PRODUCTS**	No	No	No	No		
6.3.3	**USTs**	No	No	No	No		

2.0 SUMMARY AND EVALUATION (continued)

2.1 ENVIRONMENTAL REPORT SUMMARY TABLE (continued)

Report Section		DATA GAP	HREC	REC	CREC	Further Investigation	Comments
6.3.4	ASTs	No	No	No	No		
6.3.5	ODORS	No	No	No	No		
6.3.6	OTHER SUSPECT CONTAINERS	No	No	No	No		
6.3.7	EQUIPMENT LIKELY TO CONTAIN PCBs	No	No	No	No		
6.3.8	HEATING AND COOLING	No	No	No	No		
6.3.9	INTERIOR STAINING/CORROSION	No	No	No	No		
6.3.10	DRAINS AND SUMPS	No	No	No	No		
6.3.11	PITS, PONDS AND LAGOONS/POOLS OF LIQUID	No	No	No	No		
6.3.12	STAINED SOIL OR PAVEMENT	No	No	No	No		
6.3.13	STRESSED VEGETATION	No	No	No	No		
6.3.14	SOLID WASTE DUMPING/LANDFILLS	No	No	No	No		
6.3.15	WASTE WATER/DISCHARGE FEATURES	No	No	No	No		
6.3.16	WELLS	No	No	No	No		
6.3.17	SEPTIC SYSTEMS	No	No	No	No		

2.2 FINDINGS AND CONCLUSIONS

The following presents a summary of findings and conclusions associated with the Phase I ESA performed for the Subject Property, including known or suspect RECs, HRECs, CRECs and de minimis environmental conditions.

The Subject Property was undeveloped land from approximately 1894 to 1927 and agricultural farm land from approximately 1927 to approximately 1948. The property was residential from 1948 to 1994. In 2005 the eastern most parcel was developed as residential and the remaining three parcel were vacant land. From 2009 to 2012 the property is vacant, dirt land. No significant data gaps were encountered during the Phase I ESA.

Ecobility has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527 of 14827, 14833, 14839 and a parcel with no address located in Baldwin Park, CA. Any exceptions to, or deletions from, this practice are described in this report. This assessment has revealed no evidence of RECs, HRECs, CRECs and de minimis environmental conditions in connection with the property, with the following exception:

- The San Gabriel Valley Area 2 Superfund Site, a regional groundwater contamination plume that is located beneath the Subject Property, and a large portion of the San Gabriel Valley, is considered an REC to the Subject Property.

2.2.1 DATA GAPS

Pursuant to ASTM Standards, historical sources were obtained to document property use back to the property's first developed use or back to 1940, whichever was earlier. Historical data sources failure may occur when standard historical sources are not reasonably ascertainable. The review of historic topographic maps and aerial photographs indicate the Subject Property was undeveloped land from approximately 1894 to 1927 and agricultural farm land from approximately 1927 to 1952. In 1952 the western most parcel is agricultural and the remaining three parcels appear to be residential with small residential structures. The property appeared to be residential from approximately 1952 to 2005 and then vacant from 2009 to 2012. Only one of the four parcels (14839 Pacific Avenue, the most eastern parcel) is listed in City Directories in 1975, 1980 and 1985 as Gladys Chase Rest Home. The remaining three parcels are not listed in the City Directories searched. Based on the quality of historical sources reviewed for this assessment, the Subject Property was able to be researched back to its first use or 1940, therefore historical data failure was not encountered. No significant Data Gaps have been encountered for this property.

2.0 SUMMARY AND EVALUATION (continued)

2.2 FINDINGS AND CONCLUSIONS (continued)

2.2.2 HRECs

This assessment has revealed no evidence of historic recognized environmental conditions (HRECs) in connections with the property.

2.2.3 RECs

Ecobility has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of 14827, 14833 and 14839 Pacific Avenue, Baldwin Park, California. Any exceptions to, or deletions from, this practice are described in Section 3.4 of this report. This assessment has revealed evidence of RECs in connection with the Subject Property.

- The San Gabriel Valley Area 2 (SGV Area 2) Superfund Site, one of four known regional Superfund sites addressing groundwater contamination in the San Gabriel Valley, is located beneath the Subject Property. Chemicals of concern include: volatile organic compounds (VOCs), perchlorate, N-nitrosodimethylamine (NDMA)and 1,4-dioxane. The SGV Area 2 is undergoing active groundwater remediation and monitoring under the regulatory guidance of the United States Environmental Protection Agency (USEPA) Region IX and the Los Angeles Regional Water Quality Control Board (LARWQCB). The proximity of the Superfund Site to the Subject Property is considered an REC to the Subject Property.

2.2.4 CONTROLLED RECs

This assessment has revealed no evidence of controlled recognized environmental conditions in connections with the Subject Property.

2.3 RECOMMENDATIONS

Based on the information reviewed, Ecobility recommends no further assessment of the property at this time.

3.0 INTRODUCTION

Mega 5 Partners, Inc. authorized Ecobility Corporation to perform a Phase I Environmental Site Assessment (ESA) at 14827, 14833 and 14839 Pacific Avenue in the city of Baldwin Park, California. The Subject Property is comprised of four parcels of vacant land (APN: 8438-015-43, APN: 8438-015-047, APN: 8438-015-059 and APN: 8438-015-037), totaling approximately 3.188 acres. The Phase I ESA was conducted in general accordance with Ecobility's proposal dated July 2, 2014.

3.1 CONTRACTUAL RELATIONSHIP

The work reported in this report is based on the scope of work and Terms and Conditions submitted to Mega 5 Partners, Inc., on July 2, 2014. Authorization to perform this assessment was given by Mr. Allan Lui of Mega 5 Partners, Inc., via receipt of a signed contract on July 7, 2014. Instructions as to the location of the property, access and an explanation of the property and facilities to be assessed were provided by Ms. Jennifer Lange of Land Development Consultants, representing the prospective purchaser.

Ecobility Corporation considers Mega 5 Partners, Inc. to be the 'User' of this assessment as defined in ASTM E 1527-13 as "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of a property, a potential tenant of property, an owner of property, a lender or a property manager. The user has specific obligations for completing a successful application of this practice....."

3.2 PURPOSE

In accordance with the ASTM International (ASTM) E1527-13 Standard Practice for Environmental Site Assessments (ESAs) the purpose of the Phase I Environmental Site Assessment (ESA) was to evaluate the current and historical conditions of the Subject Property in an effort to identify recognized environmental conditions in connection with the Subject Property. A recognized environmental condition is defined by ASTM as:

Recognized Environmental Condition (REC) - The presence of or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

The identification of RECs in connection with the Subject Property may impose an environmental liability on owners or operators of the site, reduce the value of the site, or restrict the use or marketability of the site, and therefore, further investigation may be warranted to evaluate the scope and extent of potential environmental liabilities.

The United States Environmental Protection Agency (EPA) has stated that ASTM Standard E 1527-13 is consistent with the Standards and Practices for All Appropriate Inquiries (AAI), Final Rule (40 Code of Federal Regulations [CFR], Part 312) and is compliant with the statutory criteria for all AAI. AAI, as defined in the AAI Final Rule, must be conducted by persons seeking the landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) prior to acquiring a property or seeking or receiving federal Brownfields grants under the authorities of CERCLA. The purpose of AAI, as defined in the AAI Final Rule, is to identify release and threatened releases of hazardous substances which cause or threaten to cause the incurrence of response costs.

In addition to RECs, the purpose of the Phase I ESA is to also evaluate historic environmental conditions and controlled recognized environmental conditions in connection with the Subject Property as defined below.

Historic Recognized Environmental Condition (HREC) is defined by ASTM 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 residential use criteria established by a regulatory authority, without subjecting the property to any required control (for example property use restrictions, activity and use limitations, institutional controls, or engineering controls). If the past release is determined to be a REC at the time of the Phase I ESA, the condition will be considered a REC.

3.0 INTRODUCTION (continued)

3.2 PURPOSE (continued)

Controlled Recognized Environmental Condition (CREC) is defined by ASTM as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by a regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (i.e., property use restriction, activity and use limitations, institutional controls or engineering controls). A condition identified as a CREC does not imply that the adequacy or continued effectiveness of the required control that has been, or is intended to be implemented has been evaluated or confirmed.

The Phase I ESA is being conducted as part of environmental due diligence in support of a possible property acquisition. It is assumed that this investigation is being conducted to identify recognized environmental conditions concerning the Subject Property, and to permit the user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability. This investigation may mention but does not fully address non-scope considerations such as, but not limited to, asbestos containing materials (ACM), lead based paint, radon, lead in drinking water, mold, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and/or high voltage power lines, although, one or more may be mentioned in the report as a business environmental risk concern.

3.3 SCOPE OF WORK

The Phase I ESA conducted at the Subject Property was in general accordance with ASTM Standard E 1527-13 and included the following:

- A Tier 1 Vapor Encroachment Assessment;
- Review Sanborn Maps, City Directories and EDR Database Report;
- Review Topographic Maps, Aerials Photographs and Site Photographs;
- Interviews with regulatory officials and personnel associated with the subject and adjoining properties;
- A site visit; and
- Evaluation of information and preparation of the report provided herein.

Typically, a Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water, or building materials. These activities would be carried out in a Phase II ESA, if required. For this Phase I ESA, no additions to the ASTM E 1527-13 standard were made with the exception of the following: None.

The scope of work also included a preliminary Tier I Vapor Encroachment Assessment in accordance with ASTM E 2600-10. There is currently discussion in the industry that this is an integral part of a Phase I ESA. The scope includes reviewing existing readily available information, as outlined in the standard and summarized below, in conjunction with application of professional judgment:

- Existing/planned use of the Target Property,
- Existing/planned type of structures,
- Surrounding area description,
- Federal, state, local, and tribal government records,
- Historical records for the Target Property and surroundings,
- General Physical Setting, including information on soils and the depth and direction of groundwater flow,
- Significant natural or man-made conduits that can serve as preferential pathways,
- User-specialized knowledge, experience, and commonly known or reasonably ascertainable information to the Target Property,
- All of the information gathered in the Phase I ESA.

The Tier I assessment includes a search distance test to determine if there are known or suspected contaminated properties within the Area of Concern (generally a radius of 1/3 mile from the Target Property). If the chemicals of concern (volatile organic compounds or petroleum chemicals) are present or likely present on those contaminated or suspected properties then the characteristics of the identified chemicals of concern (COCs) are considered. Other information including, but not limited to, the physical characteristics of the area including soil types, the depth to groundwater and the direction of flow are considered along with the proposed use, construction type, and any

3.0 INTRODUCTION (continued)

3.3 SCOPE OF WORK (continued)

significant natural or man-made features are considered to assess the degree of vapor encroachment condition that may exist. The Tier I includes an assessment of one of the following four conditions:

1. Vapor encroachment condition (VEC) exists,
2. A VEC likely exists,
3. A VEC cannot be ruled out,
4. A VEC can be ruled out because a VEC does not or is not likely to exist.

3.4 LIMITATIONS AND EXCEPTIONS

Ecobility has conducted a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the property located at 14827, 14833 and 14839 Pacific Avenue, Baldwin Park, California. Any exceptions to or deletions from this practice are described in Section 2.5 of this report.

Along with all of the limitations set forth in various sections of the ASTM E 1527-13 protocol, the accuracy and completeness of this report may be limited by the following

Access Limitations - None
Physical Obstructions to Observations - None
Outstanding Information Requests - None
Historical Data Source Failure - None
Other - None

Significant assumptions made by Ecobility in regards to this Phase I ESA include:

- Ecobility assumes all outside information collected and used, including that from regulatory agencies, database providers, interviews, title information, interviews and information provided from the client are complete and accurate.
- Ecobility interpreted and inferred groundwater depth and flow direction of the shallow groundwater based on readily available information and our experience. Actual depths and flow directions may vary locally as a result of numerous and complex factors that would require a more in depth investigation beyond the scope of this assessment.

The information and conclusions contained in this report are based upon work undertaken by trained professionals and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgment of Ecobility based on the data obtained from the work. Due to the nature of investigation and the limited data available, Ecobility cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be construed as legal advice. The services provided herein were not intended to be technically exhaustive and there is a possibility that with the proper application of methodologies, conditions may exist that were not reasonably identifiable from the available data. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. The ESA was intended to reduce, but not eliminate uncertainty regarding the potential for RECs in connection with a property.

Should additional information become available which differs significantly from our understanding of conditions presented in this report, we request that this information be brought to our attention so that we may reassess the conclusions provided herein.

It should be noted that this assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems (EMS) that may exist on the property. Where required, the documents listed in Appendix C and D were used as reference material for the completion of the Phase I ESA. The Phase I ESA report is based on commonly known and reasonably ascertainable information much of which is obtained from other sources including, but not limited to, interviews, databases providers, insurance maps, and municipal records. Although attempts are made, whenever possible, to obtain a minimum of two confirmatory sources of information, Ecobility in certain instances is required to assume that the information provided is accurate. Ecobility cannot and does not warrant or guarantee that this information is accurate or complete. No other warranties are expressed or implied.

3.0 INTRODUCTION (continued)

3.5 RELIANCE

This report has been prepared for the sole benefit of the Client (Mega 5 Partners, Inc.). The report may not be relied upon by any other person or entity without the express written consent of Ecobility Corporation and the Client with the following exception(s): None.

Reliance or any use of this report by anyone other than those parties identified above, for which it was prepared is prohibited and therefore not foreseeable to Ecobility Corporation. Any unauthorized reliance on or use of this report, including any of the information or conclusions contained herein, will be at the third party's risk. No warranties or representations expressed or implied in this report are made to any such third party.

Third party reliance letters may be issued upon timely request and payment of the then-current fee for such letters. All third parties relying on our report, by such reliance, agree that such reliance is limited by our proposal and General Conditions.

3.6 SPECIAL TERMS & CONDITIONS

Ecobility has prepared the Phase I ESA in accordance with the ASTM Standard Practice for E 1527-13. Findings within this report are based on information collected from observations made on the day of the site investigation and from reasonably ascertainable information obtained from the Client, local and state agencies and private sources. Ecobility is not responsible for consequences or conditions arising from facts that were concealed, withheld or not fully disclosed at the time the Phase I ESA was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or a location not investigated.

Subsurface conditions may differ from the conditions implied by the surface observation and can only be reliably evaluated through intrusive techniques.

Ecobility makes no representation or warranty that the past or current operations at the Subject Property are, or have been, in compliance with all applicable Federal, state and local laws, regulations and codes.

3.7 LOCATION AND SITE DESCRIPTION

The Subject Property consists of a rectangular shaped, approximately 3.188 acre parcel of vacant land. The property is comprised of four parcels of land: APN: 8438-015-043, APN: 8438-015-047, APN: 8438-015039 and APN: 8438-015-037. The entire property is tilled dirt with sporadic area of weeds and grass. The Subject Property is located on the north side of Pacific Avenue, northwest of the intersection of Puente Avenue and Pacific Avenue and southeast of Big Dalton Avenue and south of Jeremie Street. The San Bernardino Freeway (Interstate 10) is to the south and the San Gabriel Freeway (State Highway 605) is to the west. Four concrete driveway aprons provide access to the property from Pacific Avenue.

The topography for the general area of the Subject Property is flat. The elevation is approximately 373 feet above sea level and the land slopes slightly to the southwest. The San Gabriel River is to the southwest.

3.8 ADJOINING PROPERTY INFORMATION

During the vicinity site reconnaissance, Ecobility Corporation observed the land use on properties in the immediate vicinity of the Subject Property as listed in the following table.

3.0 INTRODUCTION (continued)

3.8 ADJOINING PROPERTY INFORMATION (continued)

Direction From Site	Occupant	Use	Comments
North	Residential tract homes.	Residential	Adjoining properties to the north along Jeremie Street are residential tract homes.
South	Residential homes.	Residential	Adjoining property to the south is Pacific Avenue followed by residential homes (14842, 14848, 14852-50 Pacific Ave.).
East	True Jesus Church.	Institutional	Adjoining property to the east is a church (True Jesus Church-14855 Pacific Ave.) followed by the 7-11 Food Store (3705 Puente Ave.).
West	Cambridge West Apartments.	Residential	Adjoining property to the west is the Cambridge West Apartments (14801 Pacific Ave.) followed by residential homes.

4.0 USER PROVIDED INFORMATION

The following sections summarize information provided by the User to assist the environmental professional in identifying the possibility of RECs in connection with the Subject Property, and to fulfill the User's responsibilities in accordance with Section 6 of ASTM Practice E 1527-13. Ecobility received User Questionnaires, completed by Mr. Allan Lui, representing Mega 5 Partners, Inc. and Ms. Belinda Lester, Administrator of the Estate of Clarence Orlo Lesperance, the owner of the property. The User Questionnaires are included in Appendix F.

4.1 ACTUAL AND SPECIALIZED KNOWLEDGE

Ms. Jennifer Lange with Land Development Consultants, provided Ecobility with a site map of the project location.

Ecobility Corporation and Mega 5 Partners, Inc. has no specialized knowledge of the Subject Property and no one interviewed as part of this investigation has reported any specialized knowledge of this property outside what is contained in this report. A User Questionnaire is provided in Appendix F.

Commonly Known or Reasonably Ascertainable Information
No previous environmental reports or other pertinent information was made available by the client/user during the Phase I ESA or identified by Ecobility.

4.2 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Based on the completed User Questionnaires (Appendix F) completed by Mr. Lui of Mega 5 Partners, Inc., and Ms. Belinda Lester, Administrator of the Estate of Clarence Orlo Lesperance, the Subject Property is being purchased at current market value. No other information was provided regarding the property valuation and environmental issues.

4.3 USER, OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION

Property information that included the lot size was provided by Land Development Consultants. No owner, property manager or occupant information was available or reviewed as part of this Phase I ESA report.

4.4 TITLE RECORDS, ENVIRONMENTAL LIENS AND ACTIVITY/USE LIMITATIONS

Preliminary Title Records
A Preliminary Title Report was not provided by Mega 5 Partners, Inc. for purposes of this assessment.

Environmental Liens and Activity/Use Limitations
The Practice requires that the User provide information about Environmental [Cleanup] Liens and Activity and Use Limitations (AULs) currently recorded against the property and indicates that the User should engage a title company to do the review or negotiate such engagement as an addition to the environmental professional's (EP) services. A lien search was not conducted as part of Ecobility Corporation's scope of work. In addition, the Practice suggests that the User provide the EP with certain other information about the property and the reason for the Phase I ESA. Ecobility sent a questionnaire to Mega 5 Partners, Inc. requesting this information. The questionnaire/response was completed by Mr. Allan Lui, of Mega 5 Partners, Inc. which is appended. Mr. Lui also facilitated the completion of a questionnaire by Ms. Belinda Lester, Administrator of the Estate of Clarence Orlo Lesperance, representing the owner of the property. The Client nor the owner representative have not reported any knowledge of activity use limitations (AULs) or environmental liens for the Subject Property based on our interviews and the completed User Questionnaires included in Appendix F.

4.0 USER PROVIDED INFORMATION (continued)

4.5 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

No commonly known or previous environmental reports or other pertinent information was provided to Ecobility Corporation or made available by Mega 5 Partners, Inc./User during the Phase I ESA.

4.6 OTHER LAND USE RECORDS

During the Phase I ESA no other land use records were available or reviewable.

5.0 RECORDS REVIEW

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS

Ecobility contracted Environmental Data Resources, Inc. (EDR) to conduct a search of Federal and State databases containing known and suspected sites of environmental contamination. The number of listed sites identified within the approximate minimum search distance (AMSD) from the Federal and State environmental records database listings specified in ASTM Standard E 1527-13 are summarized in the following table. Detailed information for sites identified within the AMSDs is provided below, along with an opinion about the significance of the listing to the analysis of recognized environmental conditions in connection with the subject property. Copies of the EDR research data and a description of the databases are included in Appendix D of this report.

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL	0	1	1	0	0	0	NR	1
DELISTED NPL	0	1	0	0	0	0	NR	0
CERCLIS	0	0.5	1	0	0	NR	NR	1
CERCLIS-NFRAP	0	0.5	0	0	0	NR	NR	0
CORRACTS	0	1	0	0	0	0	NR	0
RCRA-TSDF	0	0.5	0	0	0	NR	NR	0
RCRA-LQG	0	0.25	0	0	NR	NR	NR	0
RCRA-SQG	0	0.25	0	1	NR	NR	NR	1
US ENG CONTROLS	0	0.5	1	0	0	NR	NR	1
US INST CONTROL	0	0.5	0	0	0	NR	NR	0
ERNS	0	TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS	0	0.5	0	0	0	NR	NR	0
EDR US Hist Cleaners	0	0.25	0	1	NR	NR	NR	1
EDR US Hist Auto Stat	0	0.25	0	2	NR	NR	NR	2
LUST	0	0.5	0	3	4	NR	NR	7
UST	0	0.25	0	2	NR	NR	NR	2
AST	0	0.25	0	0	NR	NR	NR	0
VCP	0	0.5	0	0	0	NR	NR	0
DRYCLEANERS	0	0.25	0	0	NR	NR	NR	0
INDIAN LUST	0	0.5	0	0	0	NR	NR	0
INDIAN UST	0	0.25	0	0	NR	NR	NR	0
INDIAN VCP	0	0.5	0	0	0	NR	NR	0
INDIAN ODI	0	0.5	0	0	0	NR	NR	0
INDIAN RESERV	0	1	0	0	0	0	NR	0

DETAIL SUMMARY

Site Name: SAN GABRIEL VALLEY (AREA 2)
Databases: CERCLIS, US ENG CONTROLS, ROD, NPL, PRP, FINDS
Address: SUNSET & SAN BERNARDINO FREEWAY
Distance: 0
Direction: TP
Elevation:
Comments: The San Gabriel Valley Area 2 (SGV Area 2) is located over the San Gabriel Valley Area 2 Superfund Site, one of four Superfund sites addressing groundwater contamination in the San Gabriel Valley. The Superfund sites include areas of soil and groundwater contamination underlying portions of the cities of Alhambra, Arcadia, Azusa, Baldwin Park, Industry, Irwindale, El Monte, La Puente, Monrovia, Rosemead, South El Monte, and West Covina. The San Gabriel Valley covers approximately 170 square miles.

The SGV Area 2 is listed on the following databases: the CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) that lists potential hazardous waste sites that have been reported by states, municipalities,public companies or private persons. CERCLIS contains sites which are either proposed to or are on the National Priorities List (NPL); U.S. Engineering Controls database that lists sites with engineering controls such as liners or treatment

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments: methods; ROD (Record of Decision) documents that mandate a permanent remedy at a NPL site that contain technical and health information to clean up the site; NPL (National Priorities List) database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program and PRP (Potential Responsible Party) database of verified PRPs.

Groundwater contamination was first detected in the San Gabriel Valley in 1979. Chemicals of concern in groundwater include: volatile organic compounds (VOCs), perchlorate, N-nitrosodimethylamine (NDMA)and 1,4-dioxane.

In the early 1990s, EPA divided the San Gabriel Valley into eight project areas, including the Baldwin Park area. In 1994, EPA adopted the cleanup plan for the Baldwin Park project. Between 1990 and 1997, EPA identified PRPs at the site. In the late 1990s, Four groundwater extraction and treatment facilities was designed, constructed and completed in 2006. These systems continue to treat contaminated groundwater as of 2013.

The Baldwin Park Operable Unit addresses multiple, commingled plumes of groundwater contamination that are over a mile in width and eight miles in length. The depth to the groundwater varies from about 150 to 350 feet, and the groundwater contamination extends from the water table to more than 1,000 feet below ground surface. The most prevalent contaminants in the groundwater are trichloroethene (TCE), perchloroethylene (PCE), carbon tetrachloride, perchlorate, and N-nitrosodimethylamine (NDMA). TCE, PCE, and carbon tetrachloride are solvents used for degreasing and cleaning; perchlorate is a component of solid-fuel rockets; and NDMA is associated with liquid-fuel rockets. Other contaminants are also present, including the chemical 1,4-dioxane, which has been used as a stabilizer in chlorinated solvents, and 1,2,3-trichloropropane.

The SGV Area 2 Superfund Site, a regional groundwater contamination plume that is located beneath the Subject Property,is considered a REC to the Subject Property.

Site Name: GAYLON FITE INSTALLATIONS
Databases: WIP
Address: 14801 PACIFIC AVE
Distance: 370
Direction: West
Elevation: Lower
Comments: This site is listed on the WIP (Well Investigation Program) case for the San Gabriel Valley Area 2 groundwater cleanup. The facility status is listed as "historical."

The "historical" status and downgradient location indicate the facility is not considered a REC or VEC to the Subject Property.

Site Name: 7-ELEVEN STORE #19329 (2132); THE SOUTHLAND CORP SS 19329
Databases: HISTORIC UST, LUST, CA FID UST, SWEEPS UST
Address: 3705 PUENTE AVE
Distance: 684
Direction: SSE
Elevation: Higher
Comments: This facility is listed under two business names. The Southland Corp SS is listed on two databases: the California Facility Inventory Database (CA FID) that lists active and inactive UST locations with a status of "active" and the SWEEPS UST (Statewide Evaluation and Planning System) that lists USTs. This list is no longer maintained or updated. The database listed 3 tanks at the site: the contents and size of the tank is not provided. The tanks were listed with a status of "active."

7-11 Store is listed on the Historic UST database that identified three former 10,000 gallon gasoline tanks that were installed in 1977. Tank closure information was not provided.

The 7-11 Store is also listed on the LUST (Leaking Underground Storage Tank) database with a release of gasoline that impacted soil only. According to the database report the release occurred during tank removal operations in May 1992. The LUST status is listed as "completed-case closed" on August 5, 1996. With impacts to soil only and distance the facility is not considered a REC or VEC to the Subject Property.

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Site Name: TESORO WEST COAST COMPANY LLC 68106; USA GASOLINE STATION #328; CALIFORNIA TARGET (FORMER)
Databases: RCRA-SQG, FINDS, UST, LUST, LOS ANGELES CO. HMS, SWEEPS UST, EDR US Hist Auto Station
Address: 3665 N PUENTE AVE
Distance: 833
Direction: South
Elevation: Lower
Comments: The site is listed under three different business names. The former California Target is listed on the following databases: SWEEPS UST database with 7 tanks: 3 tanks were listed as 500-gallon oil tanks, the contents and size of the remaining 5 tanks were not reported. The tanks were listed with a status of "active." The site is also listed on the LUST database with a release of gasoline during tank closure that impacted soil only. The release was reported in June 1992 and LUST status is listed as "completed-case closed" on June 3, 1993.

USA Gasoline Station No. 328 is listed on the UST database, however no information is reported. USA Petroleum is also listed on the EDR US Historic Auto Station database in 2003, 2005, 2006, 2011 and 2012. No other information is listed or provided.

Tesoro West Coast Company LLC is listed on the RCRA-Small Quantity Generator database that lists facilities that generate, transport, store, treat and/or dispose of small quantities of hazardous wastes. The site is listed on the database in May 2007 with benzene waste and a violations status of "no violations found."

The "no violations status," the closed LUST that impacted soil only and downgradient location indicates the site is not considered a REC or VEC to the Subject Property.

Site Name: PETROMAX, SYLVAN JACQUES, RAMEREZ SHELL AUTO CARE
Databases: UST, HISTORIC UST, EDR US Hist Auto Station, LUST, LOS ANGELES CO. HMS, SWEEPS UST
Address: 3660 PUENTE AVE
Distance: 858
Direction: South
Elevation: Lower
Comments: The site is listed under three different businesses. Ramerez Shell Auto Care is listed on the SWEEPS UST database with 4 tanks, the contents, size and tank closure information is not reported. The facility is also listed on the LUST database with a release of gasoline during tank closure that impacted soil only. The release was reported in May 2002 and the LUST status is listed as "completed-case closed" on May 14, 2002. The site is also listed on the Los Angeles County HMS database with a permit and facility status of "removed."

Petromax is identified at the site address and is listed on the UST database. However, no information was reported on the UST database.

The site address is also listed on the Historic UST database as Sylvan Jacques. One 10,000 gallon unleaded gasoline tank was listed as being installed in 1984. Tank removal and closure information is not listed.

The "completed case closed LUST status, impacts to soil only and downgradient location indicates the site is not considered a REC or VEC to the Subject Property.

Site Name: A-ALLOVER LOCK & SAFE
Databases: WIP
Address: 14922 PACIFIC AVE
Distance: 957
Direction: SSE
Elevation: Higher
Comments: The site is listed on the Well Investigation Program (WIP) Case List which is an active program in the San Gabriel Valley and San Fernando Valley areas. The site is listed with a file status of "historical."

The "historical" status and distance indicates the site is not considered a REC or VEC to the Subject Property.

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Site Name: OCCUPANT
Databases: WIP
Address: 14937 PACIFIC AVE
Distance: 1186
Direction: Southeast
Elevation: Higher
Comments: The site is listed on the WIP Case List for the San Gabriel Valley and San Fernando Valley areas. The site is listed with a file status of "historical." The "historical" status and distance indicates the site is not considered a REC or VEC to the Subject Property.

Site Name:
Databases: EDR US Hist Cleaners
Address: 3727 STICHMAN AVE
Distance: 1195
Direction: West
Elevation: Lower
Comments: This site is listed on the EDR US Historical Cleaners database as Aldo's Carpet Cleaners in 2007 and 2008. No other information is listed or reported. The site is not a dry cleaning facility and distance indicates the facility is not considered a REC or VEC to the Subject Property.

Site Name: OCCUPANT
Databases: WIP
Address: 14944 PACIFIC AVE
Distance: 1197
Direction: Southeast
Elevation: Higher
Comments: The site is listed on the WIP Case List for the San Gabriel Valley area. The site is listed with a file status of "historical." The "historical" status and distance indicates the site is not considered a REC or VEC to the Subject Property.

Site Name: BALDWIN PARK HIGH SCHOOL
Databases: NPDES, SCH, ENVIROSTOR
Address: 3900 NORTH PUENTE AVENUE
Distance: 1353
Direction: Northeast
Elevation: Higher
Comments: The site is listed on the SCH (School Property Evaluation Program) that lists proposed and existing schools that are being evaluated by the DTSC for possible hazardous materials contamination and the DTSC Site Mitigation and Brownsfields Reuse Program's ENVIROSTOR database that identifies sites with known contamination or sites for which there may be reasons to investigate further. The chemical of concern (COC) was reported as arsenic and the site status is listed as "inactive-needs evaluation" on March 16, 2001. The school site is listed with no site management requirements or restricted use.

With no restricted use or site management requirements and the COC impacting soil only indicates the site is not considered a REC or VEC to the Subject Property.

The site is also listed on the NPDES (National Pollution Discharge Elimination System) database with a "construction" discharge permit, that is usually issued during a construction project, that was issued in November 2009. The facility or NPDES status is listed as "terminated" on June 1, 2011.

Site Name: SOUTHERN PACIFIC-BALDWIN
Databases: LUST
Address: 3925 DEPOT
Distance: 2321
Direction: NNW
Elevation: Higher

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments: This site is listed on the LUST database with a release of an unknown substance that occurred during a tank closure. The release was reported on June 13, 1988. The LUST status is listed as "case closed" on September 14, 1989. The "case closed" status with impacts to soil only indicates the site is not considered a REC or VEC to the Subject Property.

Site Name: CITY OF BALDWIN PARK; BALDWIN PARK TRANSIT CENTER PARKING STRUCTURE
Databases: NPDES, HIST CORTESE, LUST, SWEEPS UST, WIP, EMI, HIST UST, LOS ANGELES CO. HMS
Address: 14403 EAST PACIFIC AVENUE
Distance: 2467
Direction: Northwest
Elevation: Higher
Comments: The City of Baldwin Park is listed on the LUST database with a release of diesel fuel impacting soil only that was reported in January 1993. The LUST status is listed as "completed-case closed" on September 28, 1999. The site is also listed on the Historic UST database with a former 5,000 gallon diesel tank; the SWEEPS UST database with one tank, contents were not reported with a status of "active"; the WIP database with a status of "historical"; the Los Angeles County HMS database that identifies industrial waste and UST sites. The site is listed three times, twice with a facility status of "open" and once with a status of "permit." No other information is listed or reported. The site is also listed on the EMI database with permitted air emissions in 1990.

The Baldwin Park Transit Center Parking Structure is listed at this site address. The site is listed on the NPDES database in the construction program on August 3, 2012. The site status is listed as "active." No other information is listed or provided.

The "case closed" LUST status with impacts to soil only and distance, indicates the site is not considered a REC or VEC to the Subject Property.

Site Name: LA CO DEPARTMENT OF PUBLIC WORKS (DPW), ROAD MD1 BALDWIN PARK
Databases: LUST, LA Co. Site Mitigation, LOS ANGELES CO. HMS, SWF/LF (SWIS)
Address: 14747 E RAMONA BLVD
Distance: 2580
Direction: North
Elevation: Higher
Comments: The LA County DPW site is listed twice on the LUST database. The first release was reported in February 1992 with gasoline impacting soil only. The LUST status is listed as "completed-case closed" on October 16, 1996. The EDR Radius Map Report indicated the LUST case was in the San Gabriel Valley WIP. The second release was reported in September 2008 with lead, waste oil, motor oil or lubricating oil. The media affected was not reported. The LUST status is listed as "completed-case closed" on November 18, 2008 with a Closure/No Further Action Letter issued February 10, 2011.

The LA County facility is listed on the SWF/LF (Solid Waste Facility/Landfill) database with a status of "active." The facility is permitted as a limited volume transfer operation that accepts construction, demolition and mixed municipal waste. The facility is also listed on the LA County Site Mitigation database with a abated status of "yes" on May 11, 2004 and the LA County HMS database with a facility status of "open." The "case closed" LUST status with impacts to soil only and distance, indicates the site is not considered a REC or VEC to the Subject Property.

Site Name: BALDWIN PARK OPERABLE UNIT(SAN GABRIEL VALLEY SUPERFUND SITE)
Databases: ENVIROSTOR
Address: COVERS PORTIONS OF CITIES OF AZUSA, IRWINDALE, BALDWIN PARK
Distance: 2922
Direction: Northwest
Elevation: Higher
Comments: The Baldwin Park Operable Unit is part of the San Gabriel Valley Area 2 Superfund Site that includes portions of Azusa, Irwindale and Baldwin Park. The Baldwin Park Operable Unit addresses multiple, commingled plumes of groundwater contamination that are over a mile in width and eight miles in length. The depth to the groundwater varies from about 150 to 350 feet, and the groundwater contamination extends from the water table to more than 1,000 feet below ground surface. The Baldwin Park Operable Unit is listed on the DTSC ENVIROSTOR database with a status of "active" on May 25, 2010
and the site is under a Consent Degree that was completed on January 13, 2006. The confirmed COCs include: perchlorate, PCE, TCE, carbon tetrachloride, 1,4-dioxane and N-nitrosodimethylamine. The area is currently undergoing remediation and

5.0 RECORDS REVIEW (continued)

5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)

Comments: groundwater monitoring under the regulatory guidance of the USEPA, the RWQCB and the DTSC.

The distance and the site is under the regulatory guidance of the EPA, and the LARWQCB indicated the site is not considered a REC or VEC to the Subject Property.

Site Name: LUCKY ONE-HOUR CLEANER
Databases: LA Co. Site Mitigation, ENVIROSTOR
Address: 4138 N. MAINE AVE.
Distance: 3134
Direction: Northwest
Elevation: Higher
Comments: The dry cleaner is listed on the ENVIROSTOR database with a site type of "evaluation, refer to local agency" on March 12, 2001. No restricted use or site management requirements are listed. The cleaners is also listed on the LA County HMS with a abated status of "no" on May 11, 2004. The distance of more than 0.5 miles from the Subject Property indicates this facility is not considered a REC or VEC to the Subject Property.

5.2 PHYSICAL SETTING

Ecobility Corporation reviewed the following information to describe the physical setting of the Subject Property:

- USGS 7.5 Minute Baldwin Park, California Topographic Map dated 1981
- EDR Geocheck Report
- US Department of Agriculture (USDA) Soil Conservation Service (SCS)
- State of California Regional Water Quality Control Board Geotracker Database
- Department of Toxic Substance Control Envirostor Database
- California Department of Oil and Gas Database

5.2.1 TOPOGRAPHY

The 1981 United States Geological Survey (USGS) "Baldwin Park, California" 7.5 minute quadrangle maps showing the area where the property is located was obtained and reviewed as specified in ASTM Standard 1527-13 § 8.2.3. According to the contour lines on the topographic map, the property is located approximately 373-feet above mean sea level. The contour lines in the area of the property indicated that area is slightly sloped to the southwest. The Subject Property is a vacant, flat parcel of land composed of dirt. The surrounding property is primarily residential to the north, west, south and east, mixed with commercial businesses along Pacific Avenue and Puente Avenue.

5.2.2 GEOLOGY

The 1981 edition of the USGS Baldwin Hills topographic map of the area indicates the elevation of the Subject Property is approximately 373 feet above mean sea level (AMSL). The surface area of the property slopes gently to the southwest. Based on the Geologic Map of the El Monte and Baldwin Park Quadrangles, Los Angeles County, California by Thomas W. Dibblee Jr. (1999 edition), the area of the Subject Property is overlain by Quaternary Alluvium deposits composed of gravel, sand and silt.

The San Gabriel Valley is bounded by the Duarte Fault to the northeast, by the Walnut Creek Fault and the San Jose Hills to the southeast, by the Workman Hill Fault Extension and Repetto, Merced and Puente Hills to the south and west and by the San Gabriel Mountains to the north. The Repetto, Merced and Puente Hills form a crescent shape around the valley. The Rio Hondo River and the Big Dalton River (a tributary of the San Gabriel River) are northwest and southeast of the Subject Property, respectively (California Department of Water Resources [CDWR], 1966).

5.0 RECORDS REVIEW (continued)

5.2 PHYSICAL SETTING (continued)

5.2.3 HYDROLOGY

The California Department of Water Resources Bulletin 118 defined the Subject Property as within the San Gabriel Valley Groundwater Basin. This basin is located in eastern Los Angeles County and includes the water-bearing sediments underlying most of the San Gabriel Valley that lies in Los Angeles County. The basin is bounded on the north by the Raymond Fault and the contact between the Quaternary sediments and consolidated basement rocks of the San Gabriel Mountains. Natural drainage near the Subject Property include the Walnut Creek to the south, Big Dalton Wash to the northwest and the San Gabriel River to the west.

Groundwater levels in the San Gabriel Valley Groundwater Basin generally follow topographic slope, with groundwater flow from the edges of the basin toward the center of the basin, then southwestward to exit through Whittier Narrows.

According to the Los Angeles County, Department of Public Work (LACDPW) Water Resources Website, the nearest active well domestic supply well (Well No. 3042 F) is located 0.5 miles west of the Subject Property near the intersection of Channing Street and Ahern Drive. Depth to groundwater was last measured in this well on September 28, 2012 at approximately 156 feet below ground surface.

5.3 HISTORICAL USE

5.3.1 HISTORICAL SUMMARY

Historical information identifying the past site use was obtained from a variety of sources as detailed in Appendix C of this report and include:

- City Directories
- Aerial Photographs
- Sanborn Fire Insurance Maps
- Historic Topographic Maps

According to historical sources, the Subject Property is comprised of four parcels that total approximately 3.12 acres. The property is a relatively flat, rectangular shaped dirt lot. The property has been vacant and without any structures since approximately 2005. The review of historic topographic maps and aerial photographs indicate the Subject Property was undeveloped land from approximately 1894 to 1927 and agricultural land from approximately 1927 to 1952. In 1952 the western most parcel is agricultural and the remaining three parcels appear to be residential with small residential structures. The property appeared to be residential from approximately 1952 to 2005 and then vacant from 2009 to 2012. Only one of the four parcels (14839 Pacific Avenue) is listed in City Directories in 1975, 1980 and 1985 as Gladys Chase Rest Home. The remaining three parcels were not listed in the City Directories searched.

5.3.2 CITY DIRECTORIES

Ecobility Corporation reviewed City Directories for the Subject Property and adjoining properties provided by EDR that covered the years from 1920 through 2013. The Subject Property is composed of four (4) parcels: 14827 Pacific Avenue (APN: 8438-015-059), 14833 Pacific Avenue (APN: 8438-015-043), 14839 Pacific Avenue (APN: 8438-015-047) and a parcel with no address (APN: 8438-015-037). Only one parcel (14839 Pacific Avenue) was listed in 1975, 1980 and 1985 as Gladys Chase Rest Home and Celia Reyes. The remaining three parcels were not listed in the City Directories searched. No adjoining properties or surrounding properties of concern were identified. Copies of the City Directories reviewed are included in Appendix C of this report. A summary of the information obtained from the review is provided in the table below.

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.2 CITY DIRECTORIES (continued)

SUMMARY

Date	Site Comments	Surrounding Area Comments
1950	The Subject Property is not listed.	NORTH-surrounding property to the north is not listed. WEST-surrounding property to the west is listed as residential on N. Big Dalton Ave. and Pacific Ave. SOUTH-surrounding property to the south is not listed. EAST-surrounding property to the east along Pacific Ave. is listed as residential.
1954	The Subject Property is not listed.	NORTH-surrounding property to the north is not listed. WEST-surrounding property to the west is listed as residential on Pacific Ave. SOUTH-surrounding property to the south is not listed. EAST-surrounding property to the east is listed as residential along Pacific Ave.
1957	The Subject Property is not listed.	NORTH-surrounding property to the north is not listed. WEST-surrounding property to the west is listed as residential on Pacific Ave. SOUTH-surrounding property to the south is listed as residential. EAST-surrounding property to the east is not listed.
1960	The Subject Property is not listed.	NORTH-surrounding property is not listed. WEST-surrounding property to the west along N. Big Dalton Ave. is listed as residential. SOUTH-surrounding property to the south is listed as residential. EAST-surrounding property to the east is listed as residential along N. Puente Ave.
1966	The Subject Property is not listed.	NORTH-surrounding property to the northwest along Stockdale St. is listed as residential. WEST-surrounding property to the west along N. Big Dalton Ave. is listed as residential. SOUTH-surrounding property to the south is listed as residential. EAST-surrounding property to the east is listed as residential along N. Puente Ave.
1975	The Subject Property is listed as Gladys Chase Rest Home (14839 Pacific Ave.). The remaining three parcels are not listed.	NORTH-surrounding property to the north and northwest along Jeremie Ave. and Stockdale St. is listed as residential. Property to the northwest along Stockdale St. is listed a residential. WEST-surrounding property to the west along Pacific Ave., and south west along N. Big Dalton Ave. are listed as residential. Property along Dundry Ave. is listed as institutional (Pentecostal Church of God). SOUTH-surrounding property to the south is listed as residential.

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.2 CITY DIRECTORIES (continued)

Date	Site Comments	Surrounding Area Comments
		EAST-surrounding property to the east is listed as residential along N. Puente Ave. Property southeast along Puente Ave. is listed as commercial (3706 Puente Ave-Coin Operated Car Wash; 3705 Puente Ave.-Elmers ARCO Service).
1980	The Subject Property is listed as Gladys Chase Rest Home, Chase Manor Rest Home (14839 Pacific Ave.). The remaining three parcels are not listed.	NORTH-surrounding property to the north and northwest along Jeremie Ave. and Stockdale St. is listed as residential. Property to the northwest along Stockdale St. is listed as residential. WEST-adjoining property to the west is listed as institutional (Pacific Ave. Baptist Church-14801 Pacific Ave.); surrounding property to the west along Pacific Ave., and southwest along N. Big Dalton Ave. are listed as residential. Property west along Dundry Ave. is listed as institutional (3803 Dundry Ave.-Pentecostal Church of God). SOUTH-surrounding property to the south along Millbury Ave. is listed as residential. EAST-adjoining property to the east is listed as Baldwin Park Parents & youth Communication Committee (14855 Pacific Ave.); surrounding property to the east is listed as residential along N. Puente Avenue. Property southeast along Puente Ave. is listed as commercial (3706 Puente Ave-Coin Operated Car Wash; 3660 Puente Ave.-Hi-Ho Shell Puente St.).
1985	The Subject Property is listed as Gladys Chase (14839 Pacific Ave.). The remaining three parcels are not listed.	NORTH-adjoining property on Jeremie Ave. is listed as residential, surrounding property to the northwest along Stockdale St. is listed as residential. WEST-adjoining property to the west is listed as multi-tenant residential(14801 Pacific Ave.); surrounding property to the west along Pacific Ave., and southwest along N. Big Dalton Ave. are listed as residential. Property west along Dundry Ave. is listed as institutional (3803 Dundry Ave.-Pentecostal Church of God). SOUTH-surrounding property to the south along Millbury Ave. is listed as residential. EAST-adjoining property to the east is listed as De Colores Day Care Center (14855 Pacific Ave.); surrounding property to the east is listed as residential along N. Puente Avenue. Property southeast along Puente Ave. is listed as commercial (3706 Puente Ave-Coin Operated Car Wash; 3660 Puente Ave.-Ramirez Shell; 3665 Puente Ave.-Sams Auto Service).
1995	The Subject Property is not listed.	NORTH-adjoining property on Jeremie Ave. is listed as residential, surrounding property to the northwest along Stockdale St. is listed as residential. WEST-adjoining property to the west is listed as multi-tenant residential(14801 Pacific Ave.);

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.2 CITY DIRECTORIES (continued)

Date	Site Comments	Surrounding Area Comments
		surrounding property to the west along Pacific Ave., and southwest along N. Big Dalton Ave. are listed as residential. Property west along Dundry Ave. is listed as institutional (3803 Dundry Ave.-Pentecostal Church of God). SOUTH-surrounding property to the south along Millbury Ave. is listed as residential. EAST-adjoining property to the east is listed as Living Word Church San Gabriel, Ascension Lutheran Church, Lutheran Social Services(14855 Pacific Ave.); surrounding property to the east is listed as residential along N. Puente Avenue. Property southeast along Puente Ave. is listed as commercial (3706 Puente Ave-Coin Operated Car Wash; 3705 Puente Ave.-7-11 Food Stores; 3660 Puente Ave.-Ramirez Shell).
2003	The Subject Property is not listed.	NORTH-adjoining property on Jeremie Ave. is listed as residential, surrounding property to the northwest along Stockdale St. is listed as residential. WEST-adjoining property to the west is listed as multi-tenant residential(14801 Pacific Ave.); surrounding property to the west along Pacific Ave., and southwest along N. Big Dalton Ave. are listed as residential. Property west along Dundry Ave. is listed as institutional (3803 Dundry Ave.-Pentecostal Church of God). SOUTH-surrounding property to the south along Millbury Ave. is listed as residential. EAST-adjoining property to the east is listed as True Jesus Church of Southern California-14855 Pacific Ave.; surrounding property to the east is listed as residential along N. Puente Avenue. Property southeast along Puente Ave. is listed as commercial (3706 Puente Ave-Coin Operated Car Wash; 3705 Puente Ave.-7-11 Food Stores; 3665 Puente Ave.-USA Petroleum).
2008	The Subject Property is not listed.	NORTH-adjoining property on Jeremie Ave. is listed as residential, surrounding property to the northwest along Stockdale St. is listed as residential. WEST-adjoining property to the west is listed as multi-tenant residential(14801 Pacific Ave.); surrounding property to the west along Pacific Ave., and southwest along N. Big Dalton Ave. are listed as residential. SOUTH-surrounding property to the south along Millbury Ave. is listed as residential. EAST-adjoining property to the east is listed as True Jesus Church in Southern California-14855 Pacific Ave.; surrounding property to the east is listed as residential along N. Puente Avenue and Pacific Ave. Property southeast along Puente

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.2 CITY DIRECTORIES (continued)

Date	Site Comments	Surrounding Area Comments
		Ave. is listed as commercial (3705 Puente Ave.-7-11 Food Stores; 3660 Puente Ave.-Youstina Valero 4574; 3665 Puente Ave.-USA Petroleum).
2013	The Subject Property is not listed.	The adjoining and surrounding property is relatively unchanged from 2008.

5.3.3 AERIAL PHOTOGRAPHS

Available aerial photographs dated 1927, 1938, 1948, 1952, 1964, 1972 1981, 1989, 1994, 2005, 2009, 2010 and 2012 from EDR were reviewed. Copies of the selected photographs are included in Appendix C of this report. A summary of the information obtained from the review is provided in the table below.

SUMMARY

Date(s)	Property Comments	Surrounding Area Comments
1927	The Subject Property appears to be developed as agricultural land.	The surrounding property appears to be agricultural land to the north, east, south and west.
1938	The Subject Property appears to be vacant land.	The surrounding property appears to be agricultural land to the north, east, south and west.
1948	The Subject Property appears to be composed of 4 parcels; the western most parcel appears to be vacant land. The remaining 3 parcels are agricultural land with small residential type structures visible.	The surrounding property to the north, east and west appears to be vacant land. Property to the south is agricultural land.
1952	The western most parcel(14839 Pacific Ave.) is agricultural, with trees and small structures visible on the northwest portion of the property. The two center parcels (14833 and 14827 Pacific Ave.) have small residential type structures with trees. Two structures are visible on the northeast portion of the two center parcels. The eastern most parcel (no address) has small residential type structures visible on west side of the property with surrounding trees.	The surrounding property to the north appears to be vacant land mixed with residential; to the west the adjoining property is vacant, followed by residential and agricultural land; to the south is Pacific Ave. followed by residential and to the east is vacant land followed by residential.
1964	The Subject Property is relatively unchanged since 1952.	The surrounding property to the north appears to be vacant land mixed with residential; to the west the surrounding property is vacant land followed by residential; to the south is Pacific Ave. followed by residential and to the east is the adjoining church is visible followed by residential.
1972	The eastern most parcel (no address) appears to be vacant land. The remaining three parcels (14827, 14833 and 14839 Pacific Ave.) appear to have small residential type structures with surrounding trees and vegetation on the southwest portion of the parcels. The northern portion of the three parcels are vacant land with a small structure visible on the northeast portion of 14833 and 14839 Pacific Ave.	The surrounding property to the north appears to be residential; to the west the surrounding property is residential; to the south is Pacific Ave. followed by residential and to the east is the adjoining church is visible followed by residential.
1981	The eastern most parcel (no address) appears to be vacant land. The remaining three parcels (14827, 14833 and 14839 Pacific Ave.) appear to have small residential type structures with surrounding trees and vegetation on the southwest portion of the parcels. The northern portion	The surrounding property to the north appears to be residential; to the west the surrounding property is residential; to the south is Pacific Ave. followed by residential and to the east is the adjoining church is visible followed by residential.

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.3 AERIAL PHOTOGRAPHS (continued)

Date(s)	Property Comments	Surrounding Area Comments
	of the three parcels are vacant land with a small structure visible on the northeast portion of 14833 and 14839 Pacific Ave.	
1989	The eastern most parcel (no address) appears to be vacant land. The remaining three parcels (14827, 14833 and 14839 Pacific Ave.) appear to have small residential type structures with surrounding trees and vegetation on the southwest portion of the parcels. The northern portion of the three parcels appears to be vacant land.	The surrounding property to the north appears to be residential; adjoining to the west is a large rectangular structure with surrounding residential property; to the south is Pacific Ave. followed by residential and to the east is the adjoining church is visible followed by residential.
1994	The eastern most parcel (no address) appears to be vacant land. The remaining three parcels (14827, 14833 and 14839 Pacific Ave.) appear to have small residential type structures with surrounding trees and vegetation on the southwest portion of the parcels. The northern portion of the three parcels appears to be vacant land.	The surrounding property to the north appears to be residential; adjoining to the west is a large rectangular structure with surrounding residential property; to the south is Pacific Ave. followed by residential and to the east is the adjoining church is visible followed by residential.
2005	The property appears to be primarily vacant land. A dirt road is visible in the center of the property, entering from Pacific Ave. to the south, going north then east to a residential structure visible near the southeastern property boundary.	The surrounding property to the north appears to be residential; adjoining to the west is a large rectangular structure with surrounding residential property; to the south is Pacific Ave. followed by residential and to the east is the adjoining church is visible followed by residential.
2009	The Subject Property is vacant land. No structures are visible.	The surrounding property to the north appears to be residential; adjoining to the west is a large rectangular structure with surrounding residential property; to the south is Pacific Ave. followed by residential and to the east is the adjoining church is visible followed by residential.
2010	The Subject Property is vacant land. No structures are visible.	The surrounding property to the north appears to be residential; adjoining to the west is a large rectangular structure with surrounding residential property; to the south is Pacific Ave. followed by residential and to the east is the adjoining church is visible followed by residential.
2012	The Subject Property is vacant land. No structures are visible.	The surrounding property to the north appears to be residential; adjoining to the west is a large rectangular structure with surrounding residential property; to the south is Pacific Ave. followed by residential and to the east is the adjoining church is visible followed by residential.

5.3.4 SANBORN FIRE INSURANCE MAPS

A search of Sanborn Fire Insurance maps by EDR Sanborn Inc. was requested by Ecobility Corporation. According to EDR Sanborn Inc., maps for the Subject Property and the surrounding area were not identified or practically reviewable. A copy of the "No Coverage" documentation from EDR is included in Appendix C of this report.

5.3.5 HISTORICAL TOPOGRAPHIC MAPS

Available topographic maps dated 1894, 1901, 1904, 1927, 1953, 1966, 1972 and 1981 from the USGS as provided by EDR were reviewed for this Phase I Environmental Site Assessment. Copies of the selected topographic maps are included in Appendix C of this report. A summary of the information obtained from the review is provided in the table below.

5.0 RECORDS REVIEW (continued)

5.3 HISTORICAL USE (continued)

5.3.5 HISTORICAL TOPOGRAPHIC MAPS (continued)

SUMMARY

Date(s)	Quad	Property Comments	Surrounding Area Comments
1894	POMONA	The Subject Property appears to be undeveloped land.	The surrounding area appears to be undeveloped land.
1901	SOUTHERN CA SHEET 1	The Subject Property appears to be undeveloped land.	The surrounding area appears to be undeveloped land. The San Gabriel Wash is depicted to the west. Some street development is visible, the cities of Covina is visible to the east, Pasadena to the northwest and Azusa to the north.
1904	POMONA	The Subject Property appears to be undeveloped land.	The surrounding property appears to be primarily undeveloped land with sporadic streets visible. The cities of Azusa is depicted to the north and Covina to the east.
1927	PUENTE	The Subject Property appears to be undeveloped land.	The city of Baldwin Park is depicted. Surrounding streets are depicted with sporadic structures visible along major streets. A large gravel pit is depicted to the north.
1953	BALDWIN PARK	The Subject Property is depicted as "pink" for urban development. No structures are visible on the Subject Property.	The surrounding property to the northwest, west and south is depicted as "pink" for urban development. Holt Avenue (Pacific Avenue) is visible on the south side of the property. Surrounding property to the east is depicted as urban development and agricultural land. Baldwin Park High School is visible to the north. Two large gravel pits are depicted north of Los Angeles Street.
1966	BALDWIN PARK	The Subject Property is depicted as "pink" for urban development. No structures are visible on the Subject Property.	The church structure is visible on the adjoining property to the east. The surrounding property to the north, east south and west is depicted as "pink" for urban development. Pacific Avenue) is visible on the south side of the property. Baldwin Park High School is visible to the north. The San Bernardino Freeway (10) is visible to the south, A large gravel pit is depicted north of Los Angeles Street.
1972	BALDWIN PARK	The Subject Property is depicted as "pink" for urban development. No structures are visible on the Subject Property.	The surrounding property is relatively unchanged since 1966.
1981	BALDWIN PARK	The Subject Property is depicted as "pink" for urban development. No structures are visible on the Subject Property.	The surrounding property is relatively unchanged since 1972.

5.3.6 OIL AND GAS MAPS

According to the State of California, Department of Conservation, Division of Oil and Gas and Geothermal Resources (DOGGR), Online Mapping System (DOGGR, 2013), the Subject Property does not lie within the administrative boundaries of an oil field. The nearest well APN: 03706152 is located approximately 2 miles west from the Subject Property and is labeled "plugged."

5.0 RECORDS REVIEW (continued)

5.4 STATE AND MUNICIPAL RECORDS

Local municipal agencies, such as building and safety departments, fire prevention bureaus, and environmental health departments were contacted to review applicable permits, and identify any current or previous reports of hazardous materials use, storage, and/or unauthorized releases that may have impacted the Subject Property.

City of Baldwin Park, Department of Building and Safety - A telephone request was made on July 8, 2014 to Mr. Gene Logan, Building Official for available building records and a certificate of occupancy for the four parcels that make up the Pacific Avenue property. Mr. Logan indicated that a certificate of occupancy and original building permits were not available since the property use preceded the City of Baldwin Park being incorporated as a city in 1956. Therefore original building records were not found.

City of Baldwin Park/Covina Fire Prevention Department - A telephone request for fire inspection records, public records hazardous materials inventory, hazardous materials releases, hazardous materials inspection reports and notices of violations was made on July 8, 2014. According to Inspector Barnes with Fire Prevention no records were found for the four parcels of property located at one parcel without an address, 14827, 14833 and 14839 Pacific Avenue, Baldwin Park, CA.

Los Angeles County, Certified Unified Program Agency, Public Health Investigations - A written request for public records for 14827, 14833 and 14839 Pacific Avenue, Baldwin Park, CA was submitted on July 10, 2014. Ecobility was advised by Ms. Yvonne Curtis, Deputy Health Officer on July 14, 2014 via a written letter indicating that records were not available for the Subject Property.

South Coast Air Quality Management District - Online records were reviewed on July 9, 2014. No records (i.e., Permits to Operate, Notices of Violations, Inspection Reports, etc.) were found for the Subject Property.

Los Angeles Regional Water Quality Control Board - A public records request was submitted electronically on July 14, 2014. An on line response was received July 22, 2014 from Ms. Laura Gallardo, Associate Analyst indicating no records were found for 14827, 14833 and 14839 Pacific Avenue.

Department of Toxic Substance Control, Cypress Office - A public records request was submitted on July 10, 2014. A letter response from Ms. Jone Barrio, Regional Records Coordinator dated July 11, 2014 indicated no records were found for 14827, 14833 and 14839 Pacific Avenue .

State Water Resources Control Board, Geo Tracker website database - No records or information regarding the Subject Property was available on-line.

State of California Department of Toxic Substance Control, Envirostor website database - No records or information regarding the Subject Property or adjoining properties were available on-line.

State of California, Department of Conservation, Division of Oil, Gas & Geothermal Resources (DOG GR) - On-line review of DOG GR maps concerning the Subject Property and nearby properties were reviewed. No oil or gas wells were identified on the Subject Property. No oil or gas wells were identified within 500 feet of the Subject Property. No environmental concerns were noted during the DOG GR map review.

Los Angeles County Assessors Office - The Assessors Office files for the Subject Property were reviewed online. The four parcels of land were identified as "vacant land" in the assessors online database. Pertinent information obtained is provided in Appendix F.

FOIA and record of communication documentation is included in Appendix D.

5.5 OTHER ENVIRONMENTAL REPORTS

No other environmental reports were reviewed by Ecobility or provided by Mega 5 Partners, Inc.

6.0 SITE RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance was conducted on July 8, 2014 by Ms. Valerie Marshall, Environmental Professional with Ecobility Corporation. Weather conditions at the time of the site reconnaissance were sunny and 78 degrees Fahrenheit. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the property.

The Subject Property reconnaissance consisted of visual and/or physical observations of the Subject Property and improvements, adjoining properties as viewed from the Subject Property boundaries and the surrounding area based on visual observations made from adjacent public thoroughfares. The entire property boundary was systematically traversed. The Subject Property was a vacant dirt lot with minor amounts of weeds and grasses. There were no significant portions of the Subject Property that were inaccessible or excluded from this survey. Photographs of pertinent site features identified during the site reconnaissance are included in Appendix B.

6.2 GENERAL SITE SETTING

The Subject Property is located in a residential area mixed with some commercial businesses along Pacific Avenue to the south and Puente Avenue to the east. The Subject Property is a vacant dirt lot, with sporadic weeds and grasses. No structures or landscaped areas were observed onsite. Entrance to the property is from Pacific Avenue to the south via four concrete driveway aprons that historically appear to have been used to provide access to the four parcels of property that makeup the Subject Property. No interior roads were observed during the site reconnaissance. The surface topography of the Subject Property was observed to be relatively flat.

Dense residential development is visible in the surrounding areas to the north, west south and east, mixed with commercial type businesses along Pacific Avenue to the southeast and Puente Avenue to the northeast, east and southeast. Big Dalton Avenue is located west of the Subject Property and Pacific Avenue abuts the property to the south. Adjoining property to the north and west is residential tract homes and apartments, to the south is Pacific Avenue followed by residential tract homes and to the east is a church, followed by commercial businesses (7-11 Food Store) and residential to the southeast and northeast.

6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY

Reconnaissance of the Subject Property was conducted on July 8, 2014 by Ms. Valerie Marshall. The reconnaissance included traversing the property to identify areas of environmental concern. The Subject Property was observed as a relatively flat, vacant dirt lot with sporadic weeds and grasses. The entrance to the property is from Pacific Avenue to the south via four concrete driveway aprons. A perimeter chain link fence is located along the south side of the property. A locked access gate is located in the chain link fencing near the southeast side of the property along Pacific Avenue. Concrete masonry block walls were observed along the north, west and east property boundaries. The property is relatively flat terrain, composed of dirt with sporadic weeds and grasses. A municipal concrete sidewalk and dirt park strip adjoins the property to the south, followed by Pacific Avenue.

Three water meters, an electrical vault, a telephone communication vault and a traffic signal box are located along the park strip adjoining Pacific Avenue. No structures, piping or drainage features were observed during site reconnaissance. Southern California Edison (SCE) power lines were observed running north to south along eastern property boundary on the Subject Property. A pole mounted transformer was observed on a power pole located near the southeast corner of the property. No staining or leakage was observed on the transformer or in the dirt around the base of the power pole. Photographs of the Subject Property can be viewed in Appendix B.

The following table lists the items often observed on properties that represent an environment concern. Items marked yes were identified on the Subject Property. A Summary of the condition of each of the observed items is provided below in the appropriate subsection of this report.

6.0 SITE RECONNAISSANCE (continued)

6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY (continued)

RECONNAISSANCE SUMMARY

Section/ Item	Identified?
6.3.1 HAZARDOUS SUBSTANCES	NO
6.3.2 PETROLEUM PRODUCTS	NO
6.3.3 USTs	NO
6.3.4 ASTs	NO
6.3.5 ODORS	NO
6.3.6 OTHER SUSPECT CONTAINERS	NO
6.3.7 EQUIPMENT LIKELY TO CONTAIN PCBs	NO
6.3.8 HEATING AND COOLING	NO
6.3.9 INTERIOR STAINING/CORROSION	NO
6.3.10 DRAINS AND SUMPS	NO
6.3.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID	NO
6.3.12 STAINED SOIL OR PAVEMENT	NO
6.3.13 STRESSED VEGETATION	NO
6.3.14 SOLID WASTE DUMPING/LANDFILLS	NO
6.3.15 WASTE WATER/DISCHARGE FEATURES	NO
6.3.16 WELLS	NO
6.3.17 SEPTIC SYSTEMS	NO

6.3.1 HAZARDOUS SUBSTANCES

No hazardous substances were observed on the Subject Property during the site reconnaissance.

6.3.2 PETROLEUM PRODUCTS

No petroleum products were observed on the Subject Property during the site reconnaissance.

6.3.3 USTs

Evidence of underground storage tanks were not observed on the Subject Property.

6.3.4 ASTs

Ecobility did not identify evidence of above ground storage tanks (ASTs) on the Subject Property.

6.3.5 ODORS

No evidence of odors were identified on the Subject Property during the site reconnaissance.

6.3.6 OTHER SUSPECT CONTAINERS

No other suspect containers were identified on the Subject Property during the site reconnaissance.

6.0 SITE RECONNAISSANCE (continued)

6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY (continued)

6.3.7 EQUIPMENT LIKELY TO CONTAIN PCBs

The Subject Property was inspected for the presence of liquid-cooled electrical units (transformers, light ballasts and capacitors) that may be potential sources of PCBs. Southern California Edison (SCE) power lines run north to south along eastern property boundary. A power pole with one transformer was observed along the southeast property boundary. The transformer appeared to be in good condition with no staining or leakage observed on the transformer or on the ground in the vicinity of the power pole. The transformer is owned by SCE, the local utility, who would be responsible in the event of a release. No other potential PCB containing equipment was observed on-site. The presence of the transformer is not considered a recognized environmental condition (REC) to the Subject Property.

6.3.8 HEATING AND COOLING

No heating or cooling systems were observed or identified on the Subject Property during the site reconnaissance.

6.3.9 INTERIOR STAINING/CORROSION

No interior staining or corrosion was observed on the Subject Property during the site reconnaissance.

6.3.10 DRAINS AND SUMPS

No drains or sumps, including floor drains, catch basins or oil/water separators were observed on the Subject Property during the site reconnaissance.

6.3.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID

No pits, ponds or lagoons were observed on the Subject Property during the site reconnaissance.

6.3.12 STAINED SOIL OR PAVEMENT

No stained soil or pavement was observed on the Subject Property during the site reconnaissance.

6.3.13 STRESSED VEGETATION

No stressed vegetation was observed or identified on the Subject Property during the site reconnaissance.

6.3.14 SOLID WASTE DUMPING/LANDFILLS

No solid waste dumping or landfills were observed on the Subject Property during the site reconnaissance.

6.0 SITE RECONNAISSANCE (continued)

6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY (continued)

6.3.15 WASTE WATER/DISCHARGE FEATURES

No waste water or discharge features were observed or identified on the Subject Property during the site reconnaissance.

6.3.16 WELLS

Wells were not identified on the Subject Property during the site reconnaissance.

6.3.17 SEPTIC SYSTEMS

No septic systems were observed on the Subject Property during the site reconnaissance.

6.4 SITE RECONNAISSANCE - ADJOINING PROPERTIES

A Summary of uses and conditions is tabulated below. Detailed information is discussed following the summary along with an opinion about the significance of the listing.

RECONNAISSANCE SUMMARY

Section/ Item	Identified?
6.4.1 HAZARDOUS SUBSTANCES	NO
6.4.2 PETROLEUM PRODUCTS	NO
6.4.3 USTs	NO
6.4.4 ASTs	NO
6.4.5 ODORS	NO
6.4.6 OTHER SUSPECT CONTAINERS	NO
6.4.7 EQUIPMENT LIKELY TO CONTAIN PCBs	NO
6.4.8 HEATING AND COOLING	NO
6.4.9 INTERIOR STAINING/CORROSION	NO
6.4.10 DRAINS AND SUMPS	NO
6.4.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID	NO
6.4.12 STAINED SOIL OR PAVEMENT	NO
6.4.13 STRESSED VEGETATION	NO
6.4.14 SOLID WASTE DUMPING/LANDFILLS	NO
6.4.15 WASTE WATER/DISCHARGE FEATURES	NO
6.4.16 WELLS	NO
6.4.17 SEPTIC SYSTEMS	NO

6.4.1 HAZARDOUS SUBSTANCES

Hazardous substances were not observed on the adjoining properties during the site reconnaissance.

6.4.2 PETROLEUM PRODUCTS

Petroleum products were not observed on the adjoining properties during the site reconnaissance.

6.0 SITE RECONNAISSANCE (continued)

6.4 SITE RECONNAISSANCE - ADJOINING PROPERTIES (continued)

6.4.3 USTs

Underground storage tanks (USTs) were not identified on the adjoining properties during the site reconnaissance.

6.4.4 ASTs

Above ground storage tanks (ASTs) were not identified on the adjoining properties during the site reconnaissance.

6.4.5 ODORS

No odors were detected or observed on the adjoining properties during the site reconnaissance.

6.4.6 OTHER SUSPECT CONTAINERS

Suspect containers were not identified on the adjoining properties during the site reconnaissance.

6.4.7 EQUIPMENT LIKELY TO CONTAIN PCBs

No power poles or equipment likely to contain PCBs was observed or identified on the adjoining properties during site reconnaissance.

6.4.8 HEATING AND COOLING

Heating and cooling systems were not observed on the adjoining apartment building to the west or residential home to the north and northeast. The adjoining church building to the east appeared to have a roof cooling unit.

6.4.9 INTERIOR STAINING/CORROSION

Interior staining or corrosion was not identified on the adjoining properties during the site reconnaissance.

6.4.10 DRAINS AND SUMPS

No drains or sumps, including floor drains or catch basins were observed on the adjoining properties during the site reconnaissance.

6.4.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID

Pits, ponds, or lagoons were not observed during the site reconnaissance on the adjoining properties.

6.0 SITE RECONNAISSANCE (continued)

6.4 SITE RECONNAISSANCE - ADJOINING PROPERTIES (continued)

6.4.12 STAINED SOIL OR PAVEMENT

Stained soil or pavement was not observed during the site reconnaissance on the adjoining properties.

6.4.13 STRESSED VEGETATION

No stressed vegetation was observed or identified on the adjoining properties during the site reconnaissance.

6.4.14 SOLID WASTE DUMPING/LANDFILLS

Solid waste dumping or landfills were not identified on the adjoining properties during the site reconnaissance.

6.4.15 WASTE WATER/DISCHARGE FEATURES

Waste water/discharge features were not observed or identified on the adjoining properties during the site reconnaissance.

6.4.16 WELLS

Wells were not observed on the adjoining properties during the site reconnaissance.

6.4.17 SEPTIC SYSTEMS

No septic systems were observed on adjoining properties during the site reconnaissance.

7.0 INTERVIEWS

The following private parties were interviewed regarding the Subject Property.

- Mr. Allan Lui with Mega 5 Partners, Inc. provided Ecobility with a completed User Questionnaire on July 7, 2014. Mr. Lui indicated that he is not aware of any environmental liens or AULs associated with the property. Please refer to Appendix F for the completed User Questionnaire.

- On July 21, 2014 Mr. Lui facilitated the completion of a User Questionnaire by Ms. Belinda Lester, Administrator of the Estate of Clarence Orlo Lesperance, representing the owner of the property. According to Ms. Lester, the Subject Property is being purchased at current market value and the owner is not aware of any environmental liens or AULs associated with the property. No other information was provided regarding the property.

Appendix A:

FIGURES

PHONE: 310.910-1499 FAX: 310.377-3745

SITE LOCATION MAP

PROJECT NO.: 032-014-001-1

DATE: 7/18/2014

DRAWN BY: VM

MEGA 5 PARTNERS, INC.
14827, 14833 & 14839 PACIFIC AVE.
BALDWIN PARK, CA

FIGURE 1

N

Appendix B:

PHOTOGRAPHS

IMG_0016 View of Subject Property looking south to north from Pacific Avenue.

IMG_0017 View of west side of Subject Property looking south to north.

IMG_0019 View of Subject Property looking south to north.

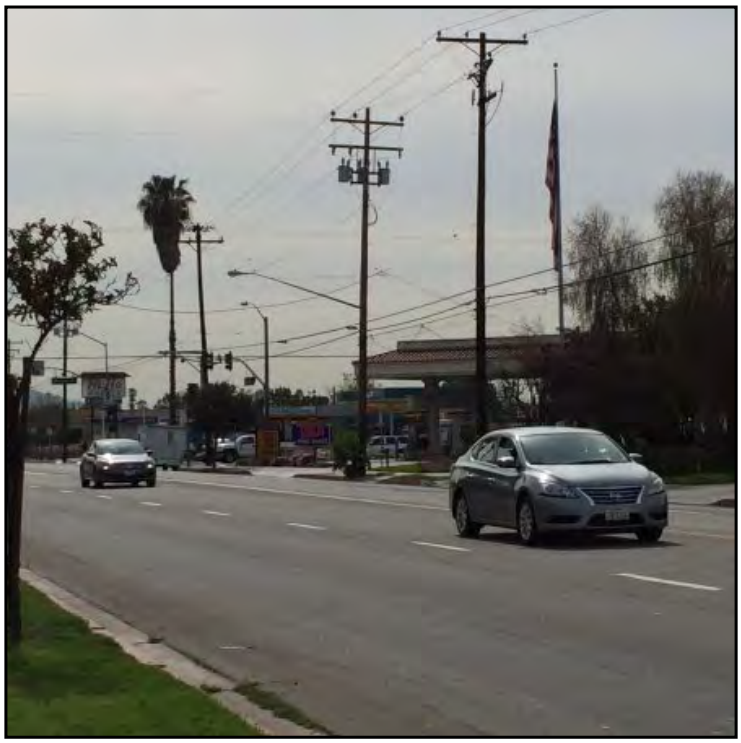
IMG_0020 View of west side of property and adjoining apartments to the west.

IMG_0021 View of east side of property and adjoining apartments and residential homes to the east-northeast.

IMG_0024 View of adjoining church to the east from Pacific Avenue.

IMG_0025 View of adjoining single family residential homes south of Pacific Avenue.

IMG_0026 Another view of single family residential homes south of the Subject Property across Pacific Avenue.



IMG_0027 View of the intersection of Puente Avenue and Pacific Avenue to the southeast of the Subject Property.

IMG_0028 View of utility vault in municipal park strip on south side of property, adjoining Pacific Avenue.

IMG_0030 View of adjoining property to the east, looking south to north along the eastern property boundary.

IMG_0032 View of water meter located in the municipal sidwalk, abutting the Subject Property to the south.

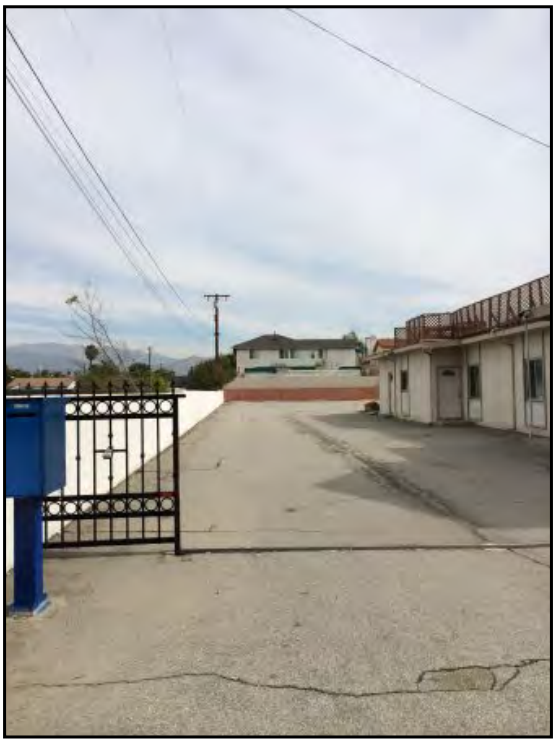
IMG_0033 Another view of water meter located in park strip on south side of the property.

IMG_0034 View looking east to west along the south property boundary adjoining Pacific Avenue.

IMG_0035 Another view looking east to west along Pacific Avenue from south property boundary.

IMG_0036 View of additional utility boxes located in park strip along Pacific Avenue to the south.

IMG_0038 View of electrical power pole with pole mounted transformer located along the southeastern property boundary.



IMG_0041 View of adjoining property to the east along the eastern property boundary.

IMG_0043 View of Subject Property from across Pacific Avenue looking south to north.

IMG_0046 Another view of Subject Property from across Pacific Avenue looking southeast to northwest.

IMG_0050 View of access driveway apron located on south side of the Subject Property from Pacific Avenue.

Appendix C:

HISTORICAL RESEARCH

14833 Pacific Avenue
14833 Pacific Avenue
Baldwin Park, CA 91706

Inquiry Number: 3874244.6
March 07, 2014

The EDR Property Tax Map Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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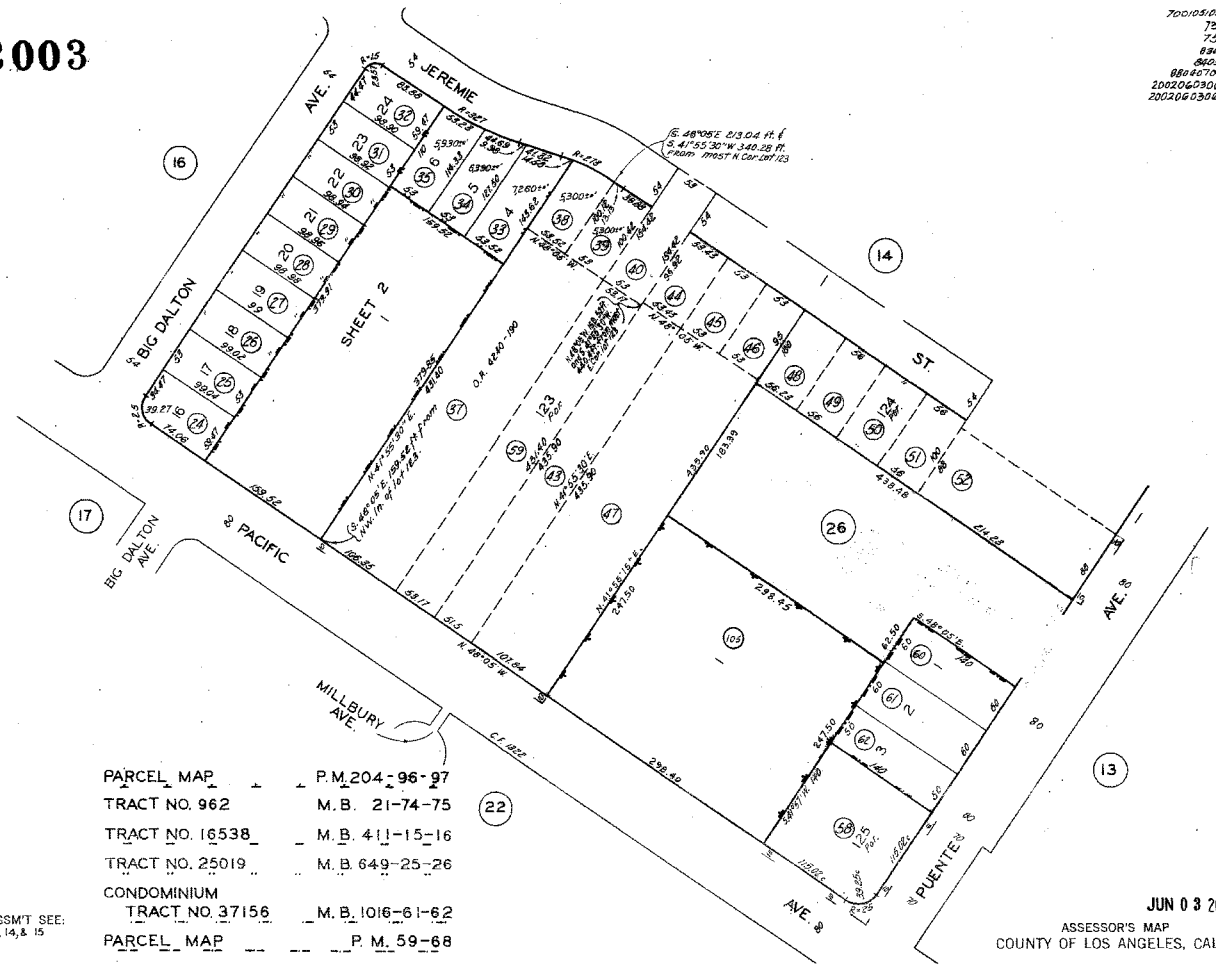
8438 | 15
SHEET 1
SCALE 1" = 100'

2003



PARCEL MAP P.M. 204-96-97
TRACT NO. 962 M.B. 21-74-75
TRACT NO. 16538 M.B. 411-15-16
TRACT NO. 25019 M.B. 649-25-26
CONDOMINIUM
TRACT NO. 37156 M.B. 1016-61-62
PARCEL MAP P.M. 59-68

CODE
2088

FOR PREV. ASSM'T SEE:
8438 - 12, 13, 14, & 15

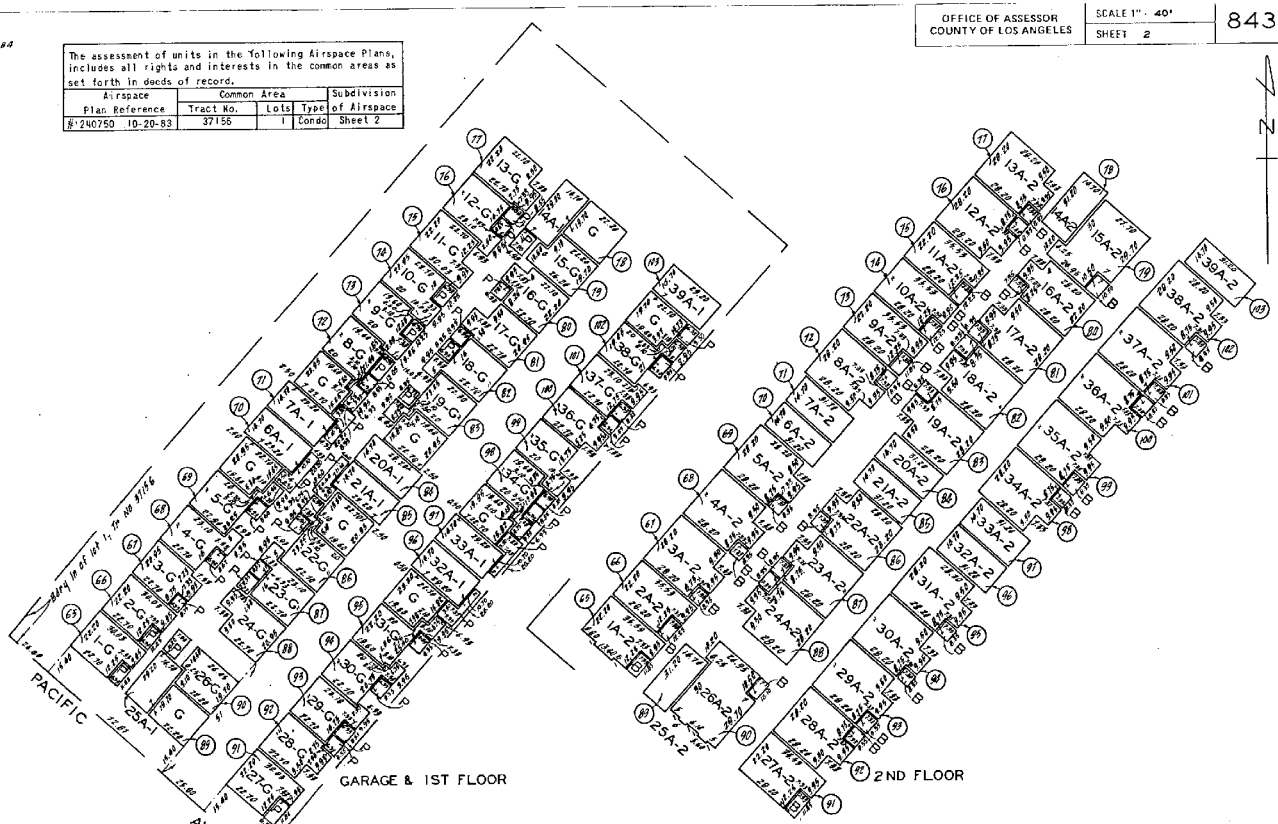
JUN 03 2002
ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

REVISED
8403202-84

OFFICE OF ASSESSOR COUNTY OF LOS ANGELES	SCALE 1" = 40'	8438	15
	SHEET 2		

The assessment of units in the following Airspace Plans, includes all rights and interests in the common areas as set forth in deeds of record.

Airspace Plan Reference	Common Area Tract No.	Lots	Type	Subdivision of Airspace
#'240750 10-20-83	37156	1	Condo	Sheet 2



SUBDIVISION OF AIRSPACE
CONDOMINIUM TRACT NO 37156
For common area see sheet 1.
See Recorded Condominium Plans for elevations of units.

14833 Pacific Avenue
14833 Pacific Avenue
Baldwin Park, CA 91706

Inquiry Number: 3874244.3
March 07, 2014

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

3/07/14

Site Name:	**Client Name:**
14833 Pacific Avenue	Ecobility Corporation
14833 Pacific Avenue	PO Box 2651
Baldwin Park, CA 91706	Palos Verdes Peninsula, CA
EDR Inquiry # 3874244.3	Contact: Valerie Marshall

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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:

Site Name: 14833 Pacific Avenue
Address: 14833 Pacific Avenue
City, State, Zip: Baldwin Park, CA 91706
Cross Street:
P.O. # NA
Project: NA
Certification # 95C3-4449-8804

UNMAPPED PROPERTY

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Sanborn® Library search results
Certification # 95C3-4449-8804

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- ✔ Library of Congress
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14833 Pacific Avenue
14833 Pacific Avenue
Baldwin Park, CA 91706

Inquiry Number: 3874244.4
March 07, 2014

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6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

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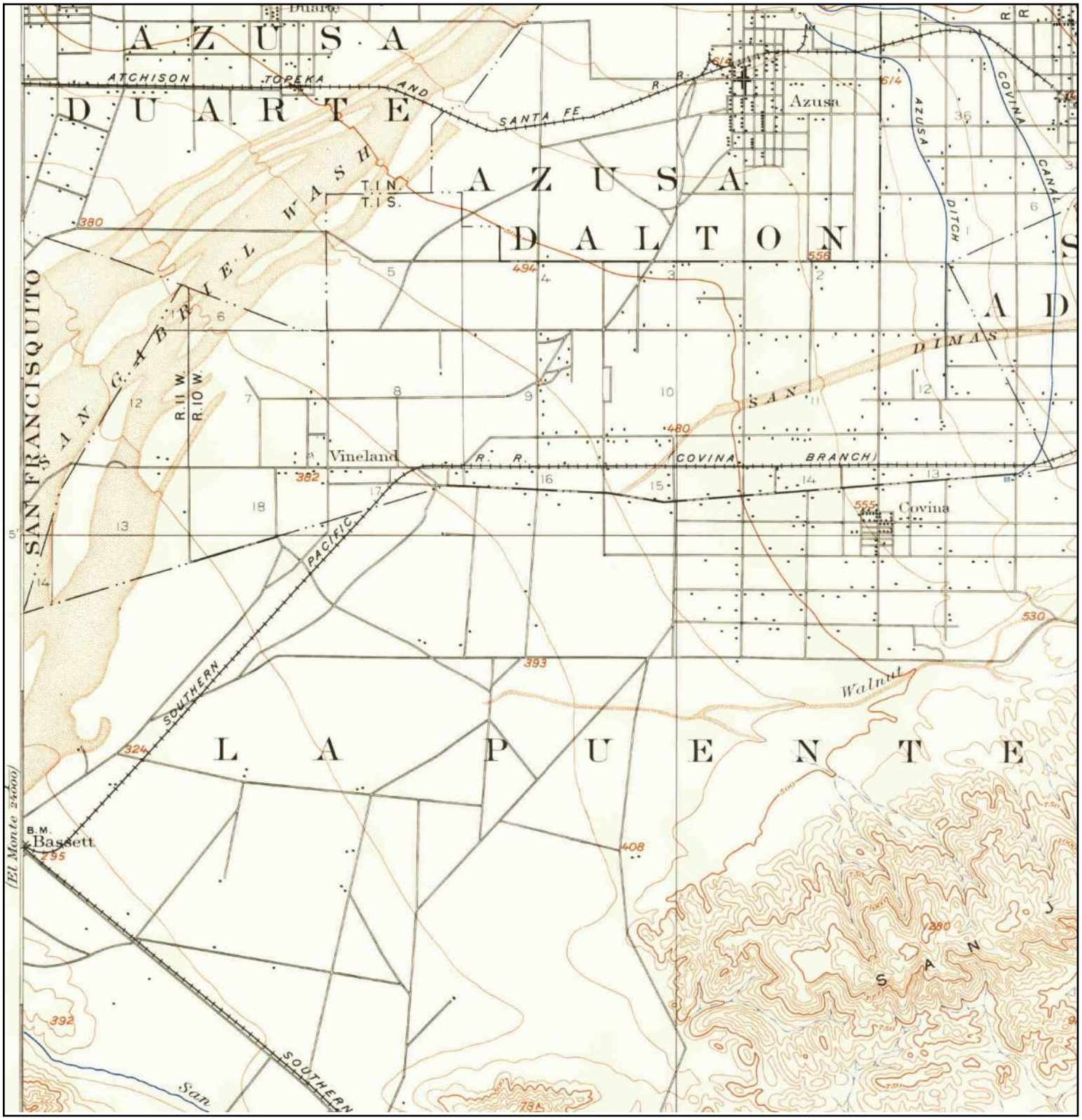
Historical Topographic Map

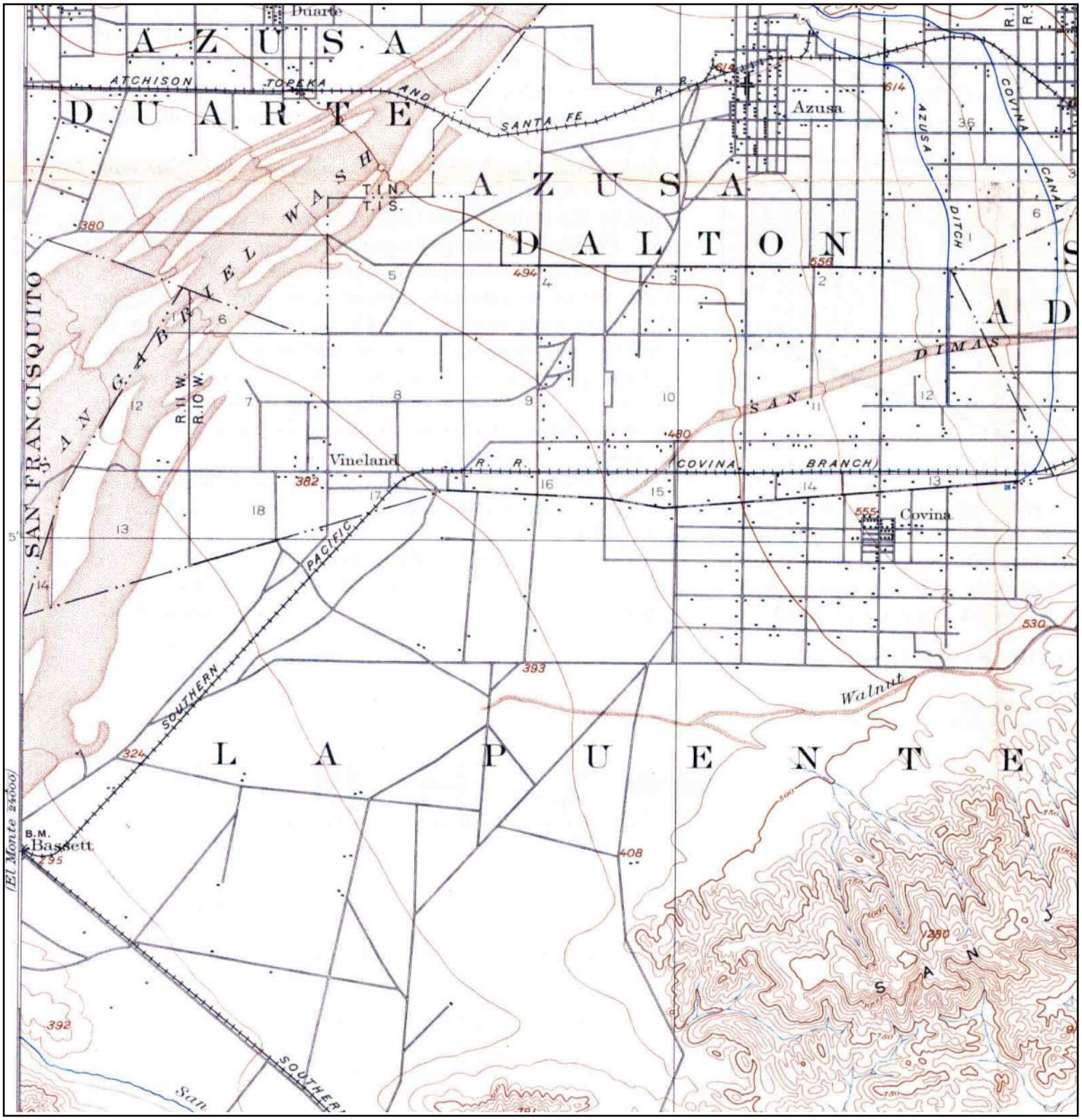


N	TARGET QUAD NAME: POMONA MAP YEAR: 1894 SERIES: 15 SCALE: 1:62500	SITE NAME: 14833 Pacific Avenue ADDRESS: 14833 Pacific Avenue Baldwin Park, CA 91706 LAT/LONG: 34.081 / -117.9535	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3874244.4 RESEARCH DATE: 03/07/2014

Historical Topographic Map

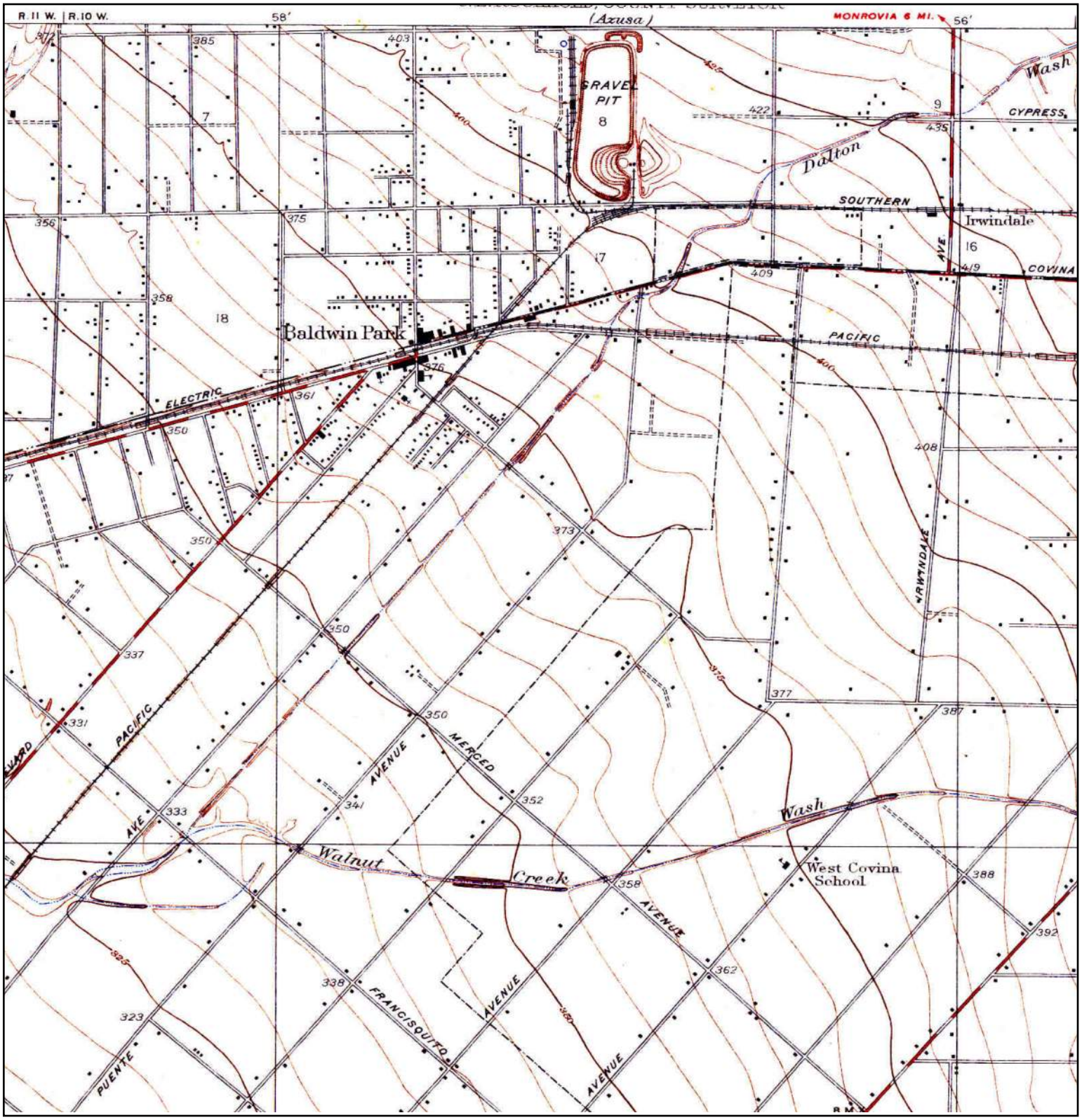
N ↑	TARGET QUAD NAME: SOUTHERN CA SHEET 1 MAP YEAR: 1901 SERIES: 60 SCALE: 1:250000	SITE NAME: 14833 Pacific Avenue ADDRESS: 14833 Pacific Avenue Baldwin Park, CA 91706 LAT/LONG: 34.081 / -117.9535	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3874244.4 RESEARCH DATE: 03/07/2014

Historical Topographic Map



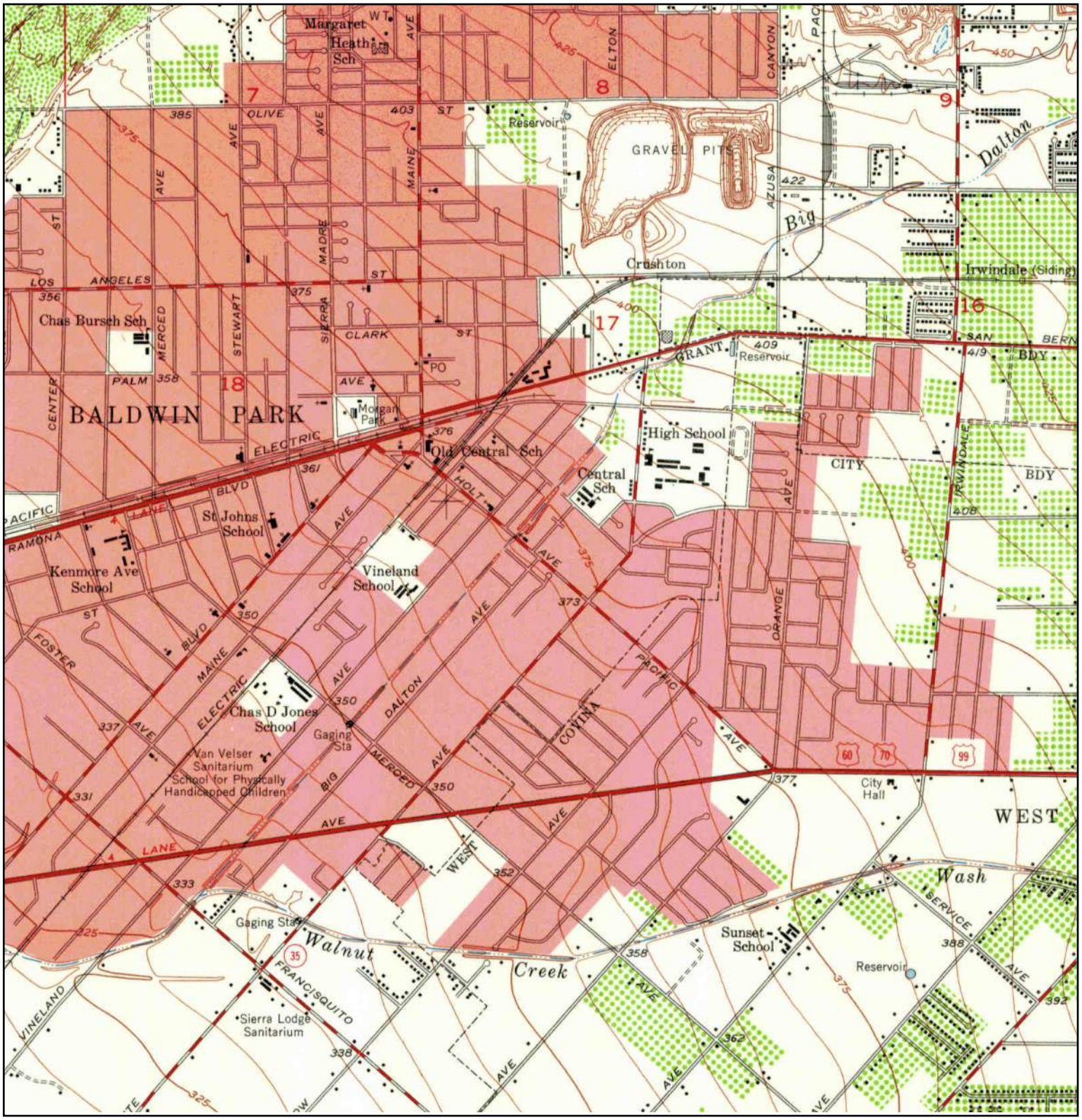
N	TARGET QUAD NAME: POMONA MAP YEAR: 1904 SERIES: 15 SCALE: 1:62500	SITE NAME: 14833 Pacific Avenue ADDRESS: 14833 Pacific Avenue Baldwin Park, CA 91706 LAT/LONG: 34.081 / -117.9535	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3874244.4 RESEARCH DATE: 03/07/2014

Historical Topographic Map



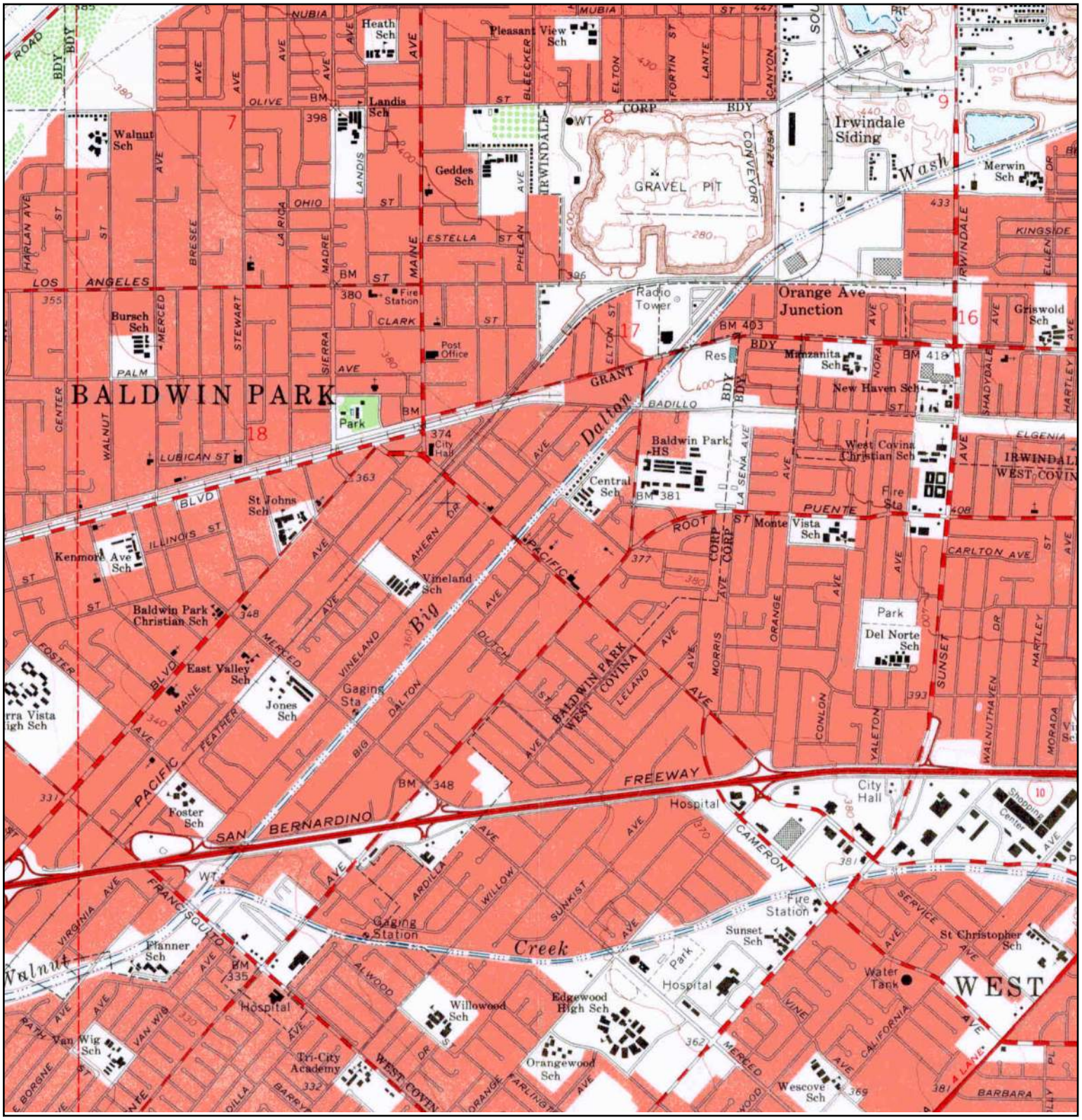
N	TARGET QUAD NAME: PUENTE MAP YEAR: 1927 SERIES: 6 SCALE: 1:24000	SITE NAME: 14833 Pacific Avenue ADDRESS: 14833 Pacific Avenue Baldwin Park, CA 91706 LAT/LONG: 34.081 / -117.9535	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3874244.4 RESEARCH DATE: 03/07/2014

Historical Topographic Map



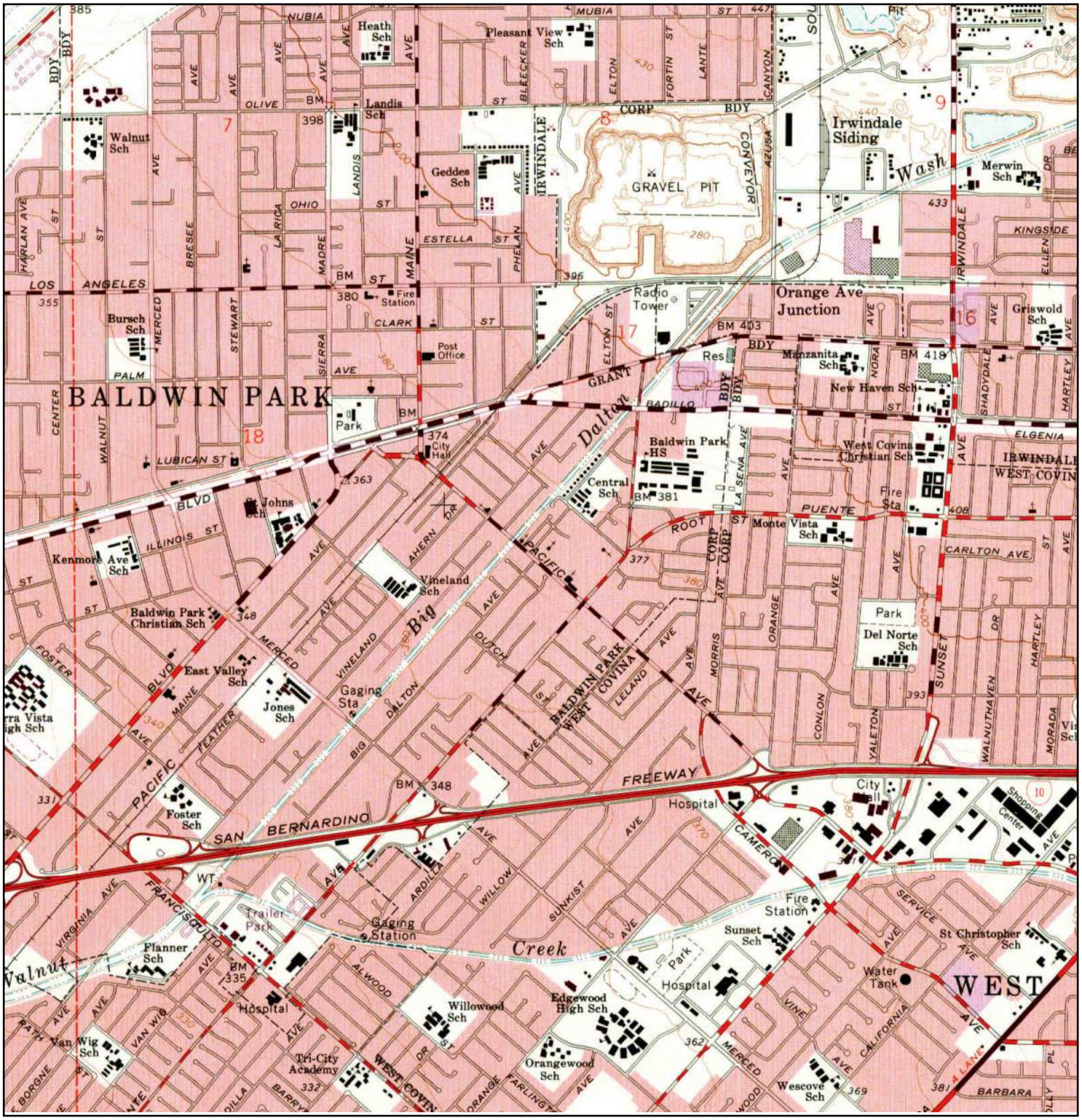
N	TARGET QUAD NAME: BALDWIN PARK MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 14833 Pacific Avenue ADDRESS: 14833 Pacific Avenue Baldwin Park, CA 91706 LAT/LONG: 34.081 / -117.9535	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3874244.4 RESEARCH DATE: 03/07/2014

Historical Topographic Map



N	TARGET QUAD NAME: BALDWIN PARK MAP YEAR: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 14833 Pacific Avenue ADDRESS: 14833 Pacific Avenue Baldwin Park, CA 91706 LAT/LONG: 34.081 / -117.9535	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3874244.4 RESEARCH DATE: 03/07/2014

Historical Topographic Map



N	TARGET QUAD NAME: BALDWIN PARK MAP YEAR: 1972 PHOTOREVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 14833 Pacific Avenue ADDRESS: 14833 Pacific Avenue Baldwin Park, CA 91706 LAT/LONG: 34.081 / -117.9535	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3874244.4 RESEARCH DATE: 03/07/2014

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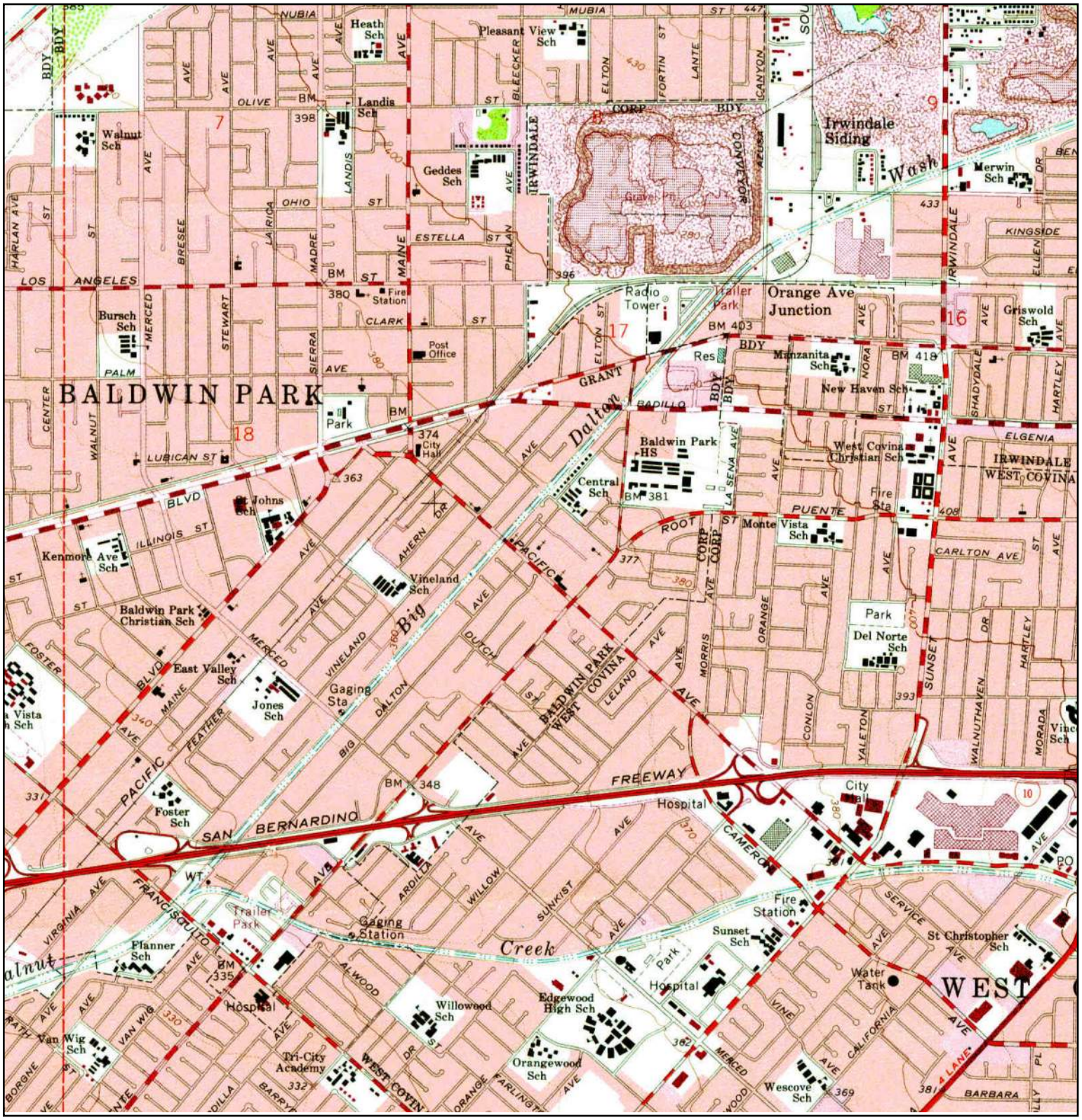
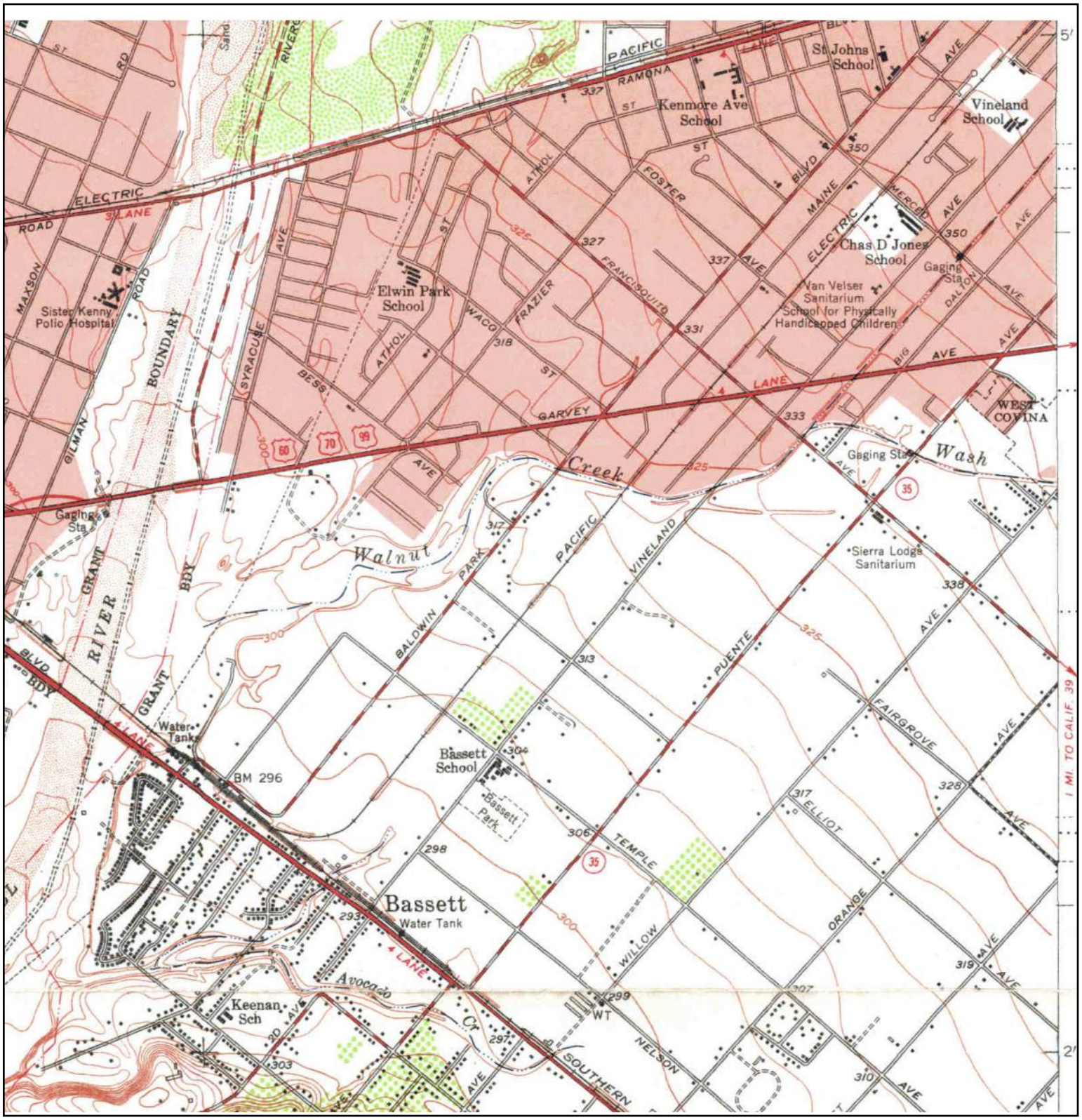


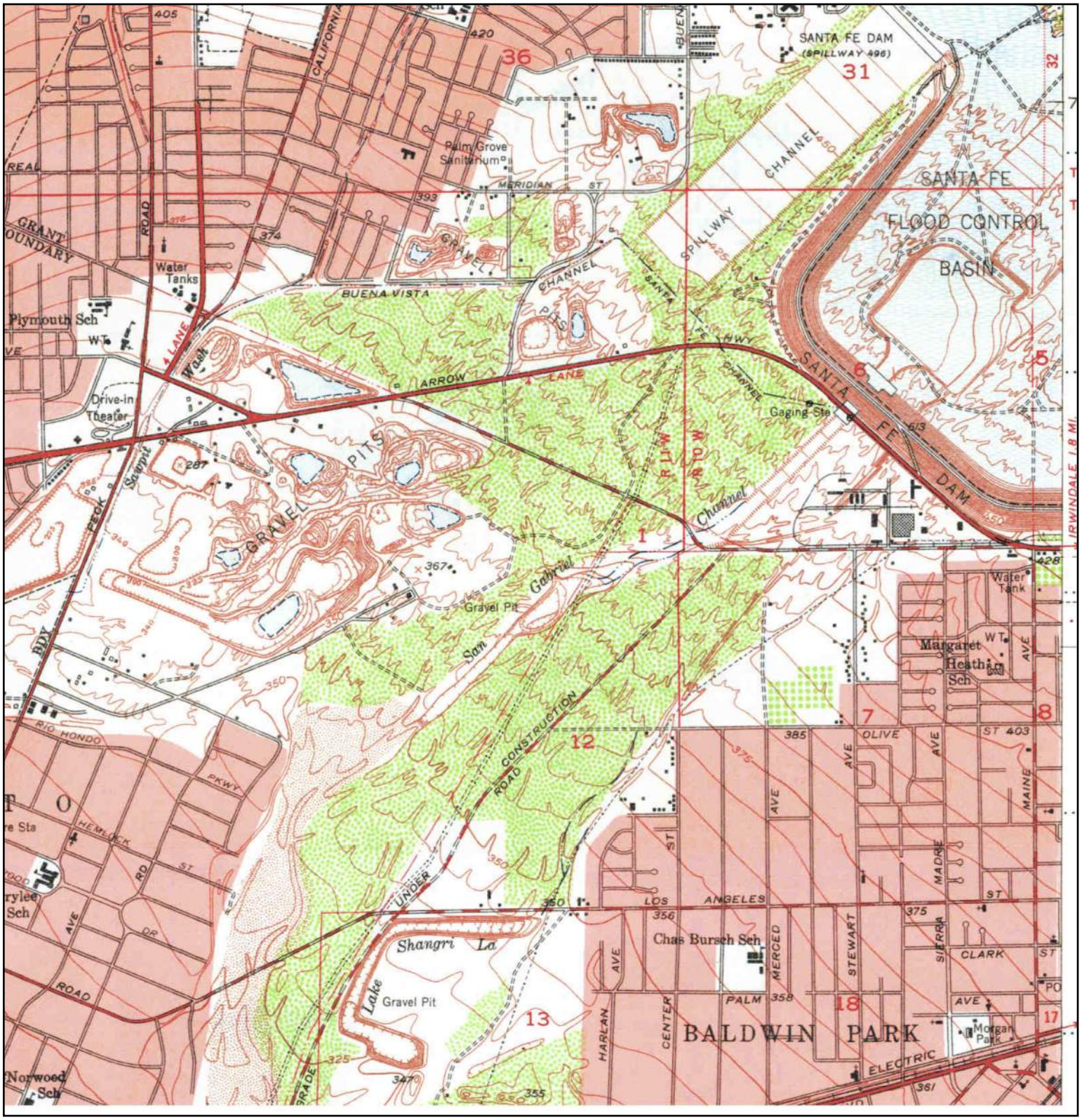
N	TARGET QUAD NAME: BALDWIN PARK MAP YEAR: 1981 PHOTOREVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 14833 Pacific Avenue ADDRESS: 14833 Pacific Avenue Baldwin Park, CA 91706 LAT/LONG: 34.081 / -117.9535	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3874244.4 RESEARCH DATE: 03/07/2014

Historical Topographic Map



N	ADJOINING QUAD NAME: LOS ANGELES AND VICINITY EAST 2 OF 4 MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 14833 Pacific Avenue ADDRESS: 14833 Pacific Avenue Baldwin Park, CA 91706 LAT/LONG: 34.081 / -117.9535	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3874244.4 RESEARCH DATE: 03/07/2014

Historical Topographic Map



N	ADJOINING QUAD NAME: LOS ANGELES AND VICINITY EAST 3 OF 4 MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 14833 Pacific Avenue ADDRESS: 14833 Pacific Avenue Baldwin Park, CA 91706 LAT/LONG: 34.081 / -117.9535	CLIENT: Ecobility Corporation CONTACT: Valerie Marshall INQUIRY#: 3874244.4 RESEARCH DATE: 03/07/2014

14833 Pacific Avenue
14833 Pacific Avenue
Baldwin Park, CA 91706

Inquiry Number: 3874244.11
March 07, 2014

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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.

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Date EDR Searched Historical Sources:

Aerial Photography March 07, 2014

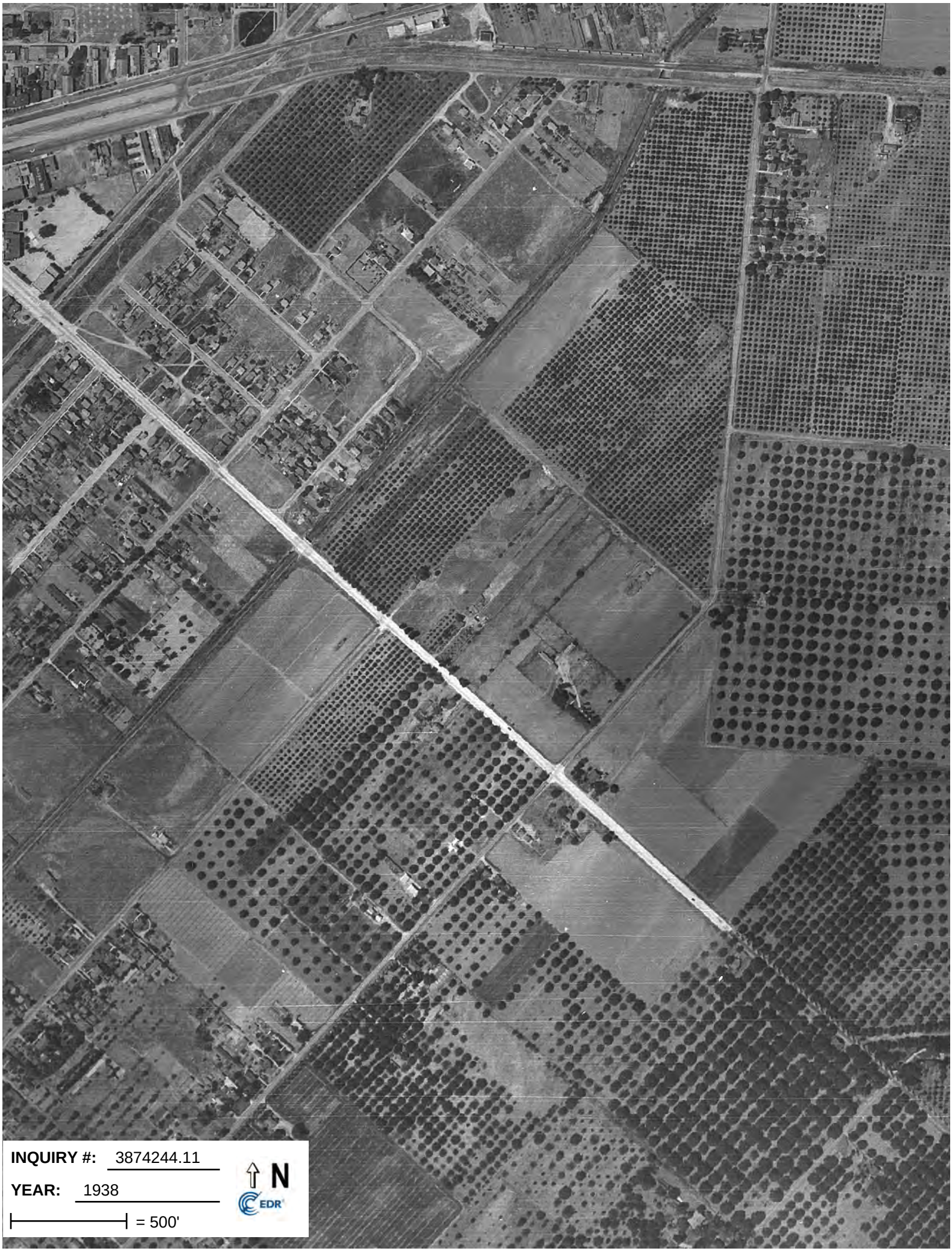
Target Property:

14833 Pacific Avenue

Baldwin Park, CA 91706

Year	***Scale***	***Details***	***Source***
1927	Aerial Photograph. Scale: 1"=500'	Flight Year: 1927	Fairchild
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	EDR
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	EDR
1952	Aerial Photograph. Scale: 1"=500'	Flight Year: 1952	EDR
1964	Aerial Photograph. Scale: 1"=500'	Flight Year: 1964	EDR
1972	Aerial Photograph. Scale: 1"=500'	Flight Year: 1972	EDR
1981	Aerial Photograph. Scale: 1"=500'	Flight Year: 1981	AMI
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	EDR

INQUIRY #: 3874244.11
YEAR: 1927
= 500'
N
EDR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= 500'
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EDR

INQUIRY #: 3874244.11

YEAR: 1948

= 500'

N

EDR

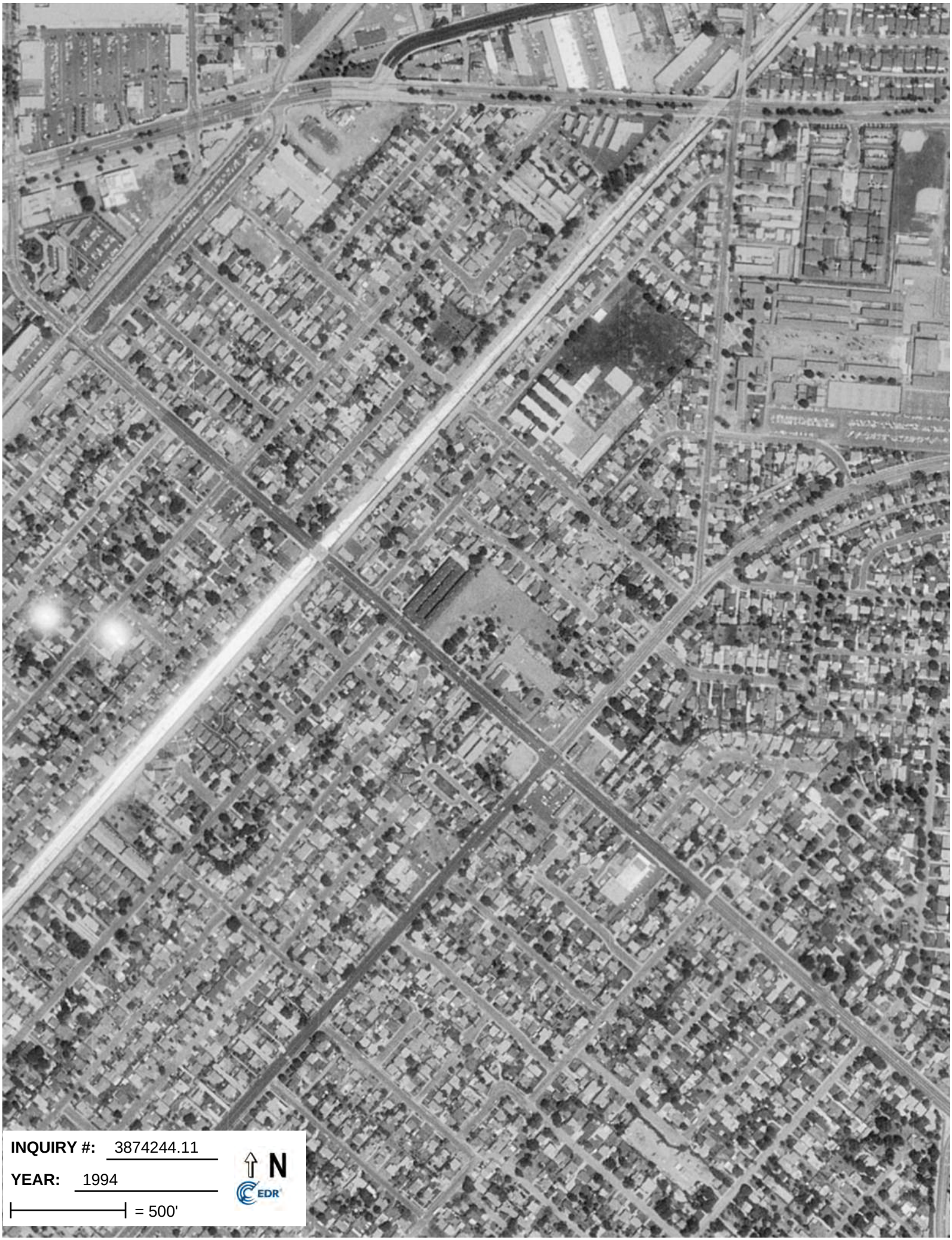
INQUIRY #: 3874244.11
YEAR: 1952
= 500'
N
EDR

INQUIRY #: 3874244.11
YEAR: 1964
= 500'
N
EDR

INQUIRY #: 3874244.11
YEAR: 1972
= 500'
N
EDR

INQUIRY #: 3874244.11
YEAR: 1981
= 500'
N
EDR

INQUIRY #: 3874244.11
YEAR: 1989
= 500'
N
EDR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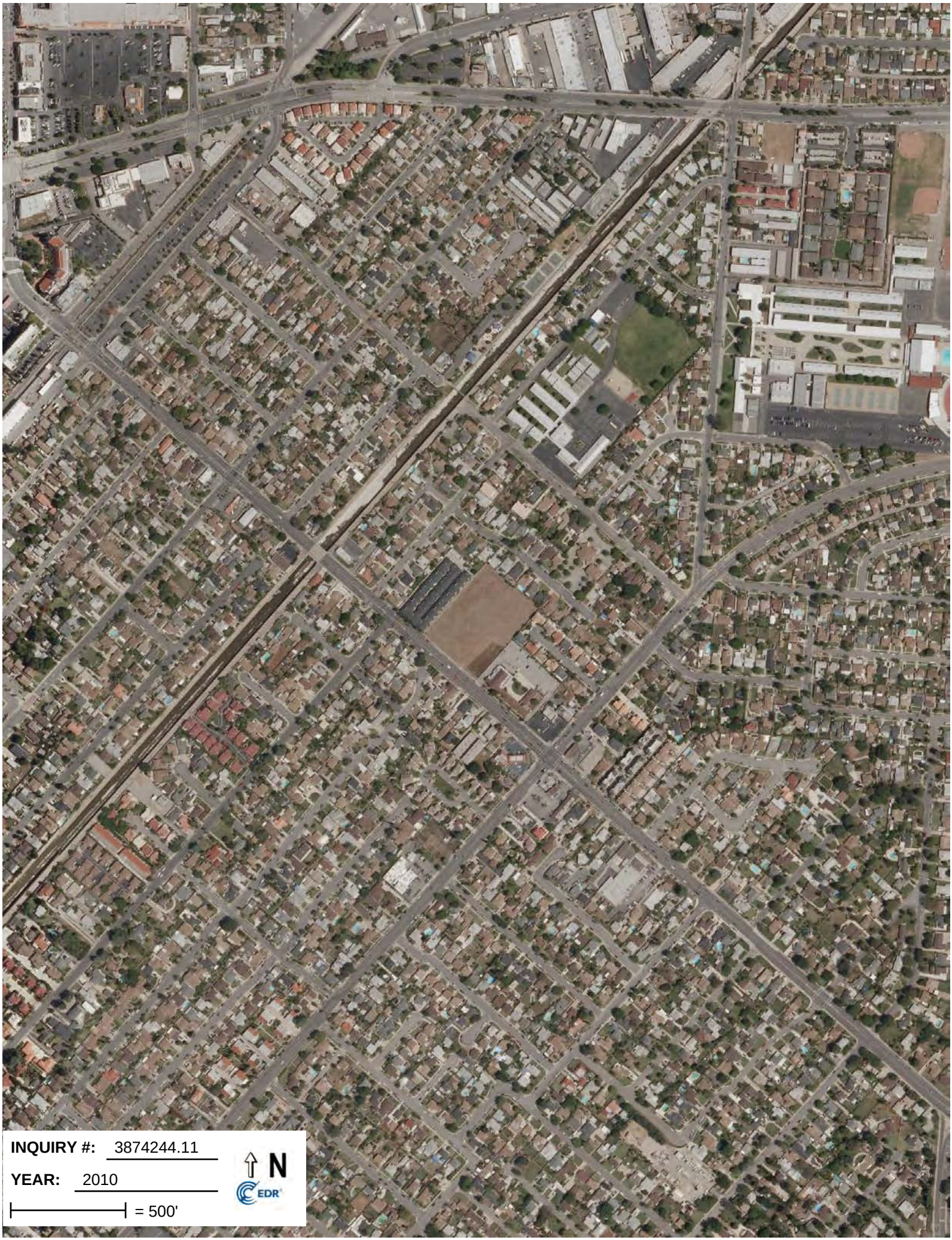
YEAR: 1994
= 500'
N
EDR

INQUIRY #: 3874244.11
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 3874244.11
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 3874244.11
YEAR: 2010
= 500'
N
EDR

INQUIRY #: 3874244.11
YEAR: 2012
= 500'
N
EDR

14833 Pacific Avenue
14833 Pacific Avenue
Baldwin Park, CA 91706

Inquiry Number: 3874244.5
March 10, 2014

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

Thank you for your business.
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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract 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 Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
2008	Cole Information Services	-	X	X	-
2006	Haines Company	-	-	-	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Pacific Bell Telephone	-	-	-	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	-	-	-
1986	Pacific Bell	-	-	-	-
1985	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1981	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1976	Pacific Telephone	-	-	-	-
1975	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	-	-	-
1970	Pacific Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	-	-	-
1966	Pacific Telephone	-	X	X	-
1965	Pacific Telephone	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1961	Luskey Brothers & Co	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	X	X	-
1956	General Telephone Company Publishers	-	-	-	-
1955	Home Directory Service	-	-	-	-
1954	R. L. Polk & Co.	-	X	X	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Directory Co.	-	-	-	-
1950	Pacific Telephone	-	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Western Directory Co.	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Glendale Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	-	-	-
1930	Glendale Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Kaasen Directory Company Publishers	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

MAP INFORMATION

The Overview Map provides information on nearby property parcel boundaries. Properties on this map that were selected for research are listed below the map.

SELECTED ADDRESSES

The following addresses were selected by the client. Detailed findings are contained in the findings section. An "X" indicates where information was identified.

Address	***Type***	***Findings***
14833 Pacific Avenue	Map ID: 1	
14818 JEREMIE ST	Map ID: 11	X
14840 JEREMIE ST	Map ID: 13	X
14826 JEREMIE ST	Map ID: 14	X
14833 PACIFIC AVE	Map ID: 2	
14839 PACIFIC AVE	Map ID: 4	X
14830 CHEVALIER AVE	Map ID: 6	

EXECUTIVE SUMMARY

Address	***Type***	***Findings***
14801 PACIFIC AVENUE	Client Entered	X
14855 PACIFIC AVENUE	Client Entered	X
14827 PACIFIC AVENUE	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

14833 Pacific Avenue
Baldwin Park, CA 91706

FINDINGS DETAIL

Target Property research detail.

PACIFIC AVE

14827 PACIFIC AVE

Year	Uses	Source
2003	XXXX	Haines & Company

14833 PACIFIC AVE

Year	Uses	Source

14839 PACIFIC AVE

Year	Uses	Source
2003	XXXX	Haines & Company
	XXXX	Haines & Company
1985	CHASE GLADYS	Pacific Bell
	CHASE GLADYS	Pacific Bell
1980	CHASE GLADYS L REST HOME PACIFIC AVE BALDWIN PARK	Pacific Telephone
	CHASE MANOR REST HOME PACIFIC AVE BALDWIN PARK	Pacific Telephone
	KRIGBAUM SHIRLEY PACIFIC AVE BALDWIN PARK	Pacific Telephone
	CHASE GLADYS L REST HOME PACIFIC AVE BALDWIN PARK	Pacific Telephone
	CHASE MANOR REST HOME PACIFIC AVE BALDWIN PARK	Pacific Telephone
	KRIGBAUM SHIRLEY PACIFIC AVE BALDWIN PARK	Pacific Telephone
1975	CHASE GLADYS L REST HOME	Pacific Telephone
	CHASE MANOR REST HOME	Pacific Telephone
	REYES CELIA	Pacific Telephone
	CHASE GLADYS L REST HOME	Pacific Telephone
	CHASE MANOR REST HOME	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	REYES CELIA	Pacific Telephone

PACIFIC AVENUE

14827 PACIFIC AVENUE

Year	Uses	Source
2003	XXXX	Haines & Company

Pacific Avenue

14833 Pacific Avenue

Year	Uses	Source

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BIG DALTN AVE

3719 BIG DALTN AVE

Year	Uses	Source
1995	MONROE MIKE	Pacific Bell

3729 BIG DALTN AVE

Year	Uses	Source
1995	NGUYEN MAI	Pacific Bell

3735 BIG DALTN AVE

Year	Uses	Source
1995	TATU	Pacific Bell

3751 BIG DALTN AVE

Year	Uses	Source
1995	I GUERRERO CARLOS A	Pacific Bell

3828 BIG DALTN AVE

Year	Uses	Source
1995	WILLIAMS LESLIE E	Pacific Bell

BIG DALTON AVE

3702 BIG DALTON AVE

Year	Uses	Source
1980	MCKEE CURTIS B SMSGT RET BIG DALTON AVE BALDWIN PARK	Pacific Telephone

3703 BIG DALTON AVE

Year	Uses	Source
1980	CHACON G H BIG DALTON AVE BALDWIN PARK	Pacific Telephone

3710 BIG DALTON AVE

Year	Uses	Source
1980	AUGO REYNAGA BIG DALTON AVE BALDWIN PARK	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	AUGO REYNAGA BALDWIN PARK	Pacific Telephone

3715 BIG DALTON AVE

Year	Uses	Source
2003	HURLBUT James	Haines & Company

3717 BIG DALTON AVE

Year	Uses	Source
2003	HALBY Frank	Haines & Company
1985	NATELBORG RICHARD	Pacific Bell
1980	NATELBORG RICHARD BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	NATELBORG MARSHALL N	Pacific Telephone

3719 BIG DALTON AVE

Year	Uses	Source
2008	BIG DALTON RECORDS & STUDIOS	Cole Information Services
2003	OHALBY Frank	Haines & Company
1995	Monroe Mike	Pacific Bell
1985	TERRILL PAUL	Pacific Bell
1980	CHRISTENSEN SCHOU BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	CHRISTENSEN SCHOU	Pacific Telephone

3722 BIG DALTON AVE

Year	Uses	Source
2003	NGUYEN Thaivan	Haines & Company
	LAI Grace	Haines & Company
1995	Ing Khieu Tent	Pacific Bell
1985	LOUGHRAN A T	Pacific Bell
1980	LOUGHRAN A T BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	LOUGHRAN A T	Pacific Telephone

3725 BIG DALTON AVE

Year	Uses	Source
2003	KING Wan	Haines & Company
	JIA Zhen Yu	Haines & Company
1980	VOYLES TERRY L BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	SHAPUTIS ROGER A	Pacific Telephone

FINDINGS

3728 BIG DALTON AVE

Year	Uses	Source
2003	SLYKER Pauline	Haines & Company
1985	SLYKER P	Pacific Bell
1975	SLYKER JOHN J	Pacific Telephone

3729 BIG DALTON AVE

Year	Uses	Source
2003	NGUYEN Mal	Haines & Company
1995	Nguyen Mai	Pacific Bell

3735 BIG DALTON AVE

Year	Uses	Source
2003	LAIJoseph	Haines & Company

3751 BIG DALTON AVE

Year	Uses	Source
2003	GUZMAN Luis	Haines & Company
1995	Guerrero Celia	Pacific Bell
	I Guerrero Carlos A	Pacific Bell
1980	HOIKA PETER H & MARION M BIG DALTON AVE BALDWIN PARKT	Pacific Telephone
1975	HOIKA PETER H	Pacific Telephone

3760 BIG DALTON AVE

Year	Uses	Source
2003	ARAUJO William	Haines & Company
1985	HANEYS GARDENING SERVICE	Pacific Bell
	MESSENGER MIKE	Pacific Bell
1980	MESSENGER MIKE BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	ELLIOTT DAVID	Pacific Telephone

3766 BIG DALTON AVE

Year	Uses	Source
2003	MOLINACesar	Haines & Company
1985	FERRA THOS	Pacific Bell
1975	SCHNURR WM C	Pacific Telephone

3802 BIG DALTON AVE

Year	Uses	Source
2003	WALTON Judy	Haines & Company

FINDINGS

Year	Uses	Source
2003	RUIZWalter	Haines & Company
	WALTON Larry	Haines & Company
1985	RUIZ WELTER	Pacific Bell
1980	RUIZ WALTER BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	RUIZ WALTER	Pacific Telephone

3808 BIG DALTON AVE

Year	Uses	Source
1980	LYTLE LEILA BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	LYTLE LETLA G	Pacific Telephone

3809 BIG DALTON AVE

Year	Uses	Source
2003	BIG DALTON AV 91706 CONT	Haines & Company
	OZUNIGAAntonia	Haines & Company
1985	HANSON CARLYLE	Pacific Bell
1980	HANSON CARLYLE BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	HANSON CARLYLE	Pacific Telephone

3812 BIG DALTON AVE

Year	Uses	Source
2003	REED Marla	Haines & Company

3815 BIG DALTON AVE

Year	Uses	Source
2003	CORNEJO Longino	Haines & Company
1985	ROSS LLOYD A & FEKERTE K	Pacific Bell
1975	REED LYNN S	Pacific Telephone

3818 BIG DALTON AVE

Year	Uses	Source
2003	VILLALOBOSWilliam	Haines & Company
1985	KENRECK MARY ANN	Pacific Bell
1980	WILLIAMS EARL BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	WILLIAMS EARL	Pacific Telephone

FINDINGS

3819 BIG DALTON AVE

Year	Uses	Source
2008	MARIA DE LA CRUZ TOSCANO	Cole Information Services
2003	TOSCANO Jaime	Haines & Company
1985	EICHSTEDT CHAS W & RUTH M	Pacific Bell
1980	EICHSTEDT CHAS W & RUTH M J BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	EICHSTEDT CHARLES W	Pacific Telephone

3824 BIG DALTON AVE

Year	Uses	Source
1980	WELCH RAYMOND LEE JR BIG DALTON AVE BALDWIN PARK	Pacific Telephone
	WELCH RAYMOND LEE JR BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	WALBURN L L	Pacific Telephone

3825 BIG DALTON AVE

Year	Uses	Source
2003	LOPEZSephia	Haines & Company
	SILVA Raul	Haines & Company

3828 BIG DALTON AVE

Year	Uses	Source
2003	OWILLIAMS Alice	Haines & Company
1985	WILLIAMS LESLIE E	Pacific Bell
1980	WILLIAMS LESLIE E BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	WILLIAMS LESLIE E	Pacific Telephone

3831 BIG DALTON AVE

Year	Uses	Source
2008	HANDWORKS	Cole Information Services
2003	RODRIGUEZ C	Haines & Company
1985	HOLMES LOREEN	Pacific Bell
1980	TRIFILETTI J V BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	TRIFILETTI J V	Pacific Telephone

3834 BIG DALTON AVE

Year	Uses	Source
2003	CAMPOS Rosa	Haines & Company
1985	CROWTHER DONALD A	Pacific Bell

FINDINGS

Year	Uses	Source
1980	CROWTHER DONALD A BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	CROWTHER DONALD A	Pacific Telephone

3835 BIG DALTON AVE

Year	Uses	Source
2003	HERNANDEZ Raul	Haines & Company

3840 BIG DALTON AVE

Year	Uses	Source
2003	ROSALES Raimundo	Haines & Company
1985	CORNELIUS CLIFFORD T	Pacific Bell
1980	CORNELIUS CLIFFORD T BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	CORNELIUS CLIFFORD T	Pacific Telephone
	CORNELIUS MICHAEL	Pacific Telephone

3841 BIG DALTON AVE

Year	Uses	Source
2008	JACK U UP ALCOHOL & BEVERAGE	Cole Information Services
2003	OLOTOATeresa	Haines & Company
	OOLOTOALa Auli	Haines & Company
1985	OLOTOA L	Pacific Bell

DUNDRY AVE

3803 DUNDRY AVE

Year	Uses	Source
2013	COMMUNITY BAPTIST CHURCH OF WEST COV	Cole Information Services
2008	PENTECOSTAL CHURCH OF GOD INC	Cole Information Services
1995	Pentek R Azu	Pacific Bell
	Pentecostal Church Of God	Pacific Bell
1985	PENTECOSTAL CHURCH OF GOD	Pacific Bell
1980	PENTECOSTAL CHURCH OF GOD DUNDRY AVE BALDWIN PARK	Pacific Telephone
1975	PENTECOSTAL CHURCH OF GOD	Pacific Telephone

3815 DUNDRY AVE

Year	Uses	Source
2003	GUZMAN Frances	Haines & Company
1995	Gurule T & R	Pacific Bell

Year	Uses	Source
1995	Gurule Solomon	Pacific Bell
	Gurule Tamera & Robert	Pacific Bell

3821 DUNDRY AVE

Year	Uses	Source
2003	MENDOZA Rosauro	Haines & Company

3825 DUNDRY AVE

Year	Uses	Source
2003	ACEVEDO Maria	Haines & Company

3831 DUNDRY AVE

Year	Uses	Source
2003	OMORALES Felipe	Haines & Company
1995	Morales Felipe	Pacific Bell
1985	PEREZ SANTIAGO JR	Pacific Bell
1980	HILTON RON DUNDRY AVE BALDWIN PARK	Pacific Telephone

3859 1/2 DUNDRY AVE

Year	Uses	Source
1975	KRAFFT RAY W	Pacific Telephone

E JEREMIE AVE

14818 E JEREMIE AVE

Year	Uses	Source
1960	COLLINS GEO R	Pacific Telephone

14822 E JEREMIE AVE

Year	Uses	Source
1966	PURCELL JOHN B	Pacific Telephone

14823 E JEREMIE AVE

Year	Uses	Source
1966	MICKENS EDW	Pacific Telephone

14827 E JEREMIE AVE

Year	Uses	Source
1966	RICHARDSON LOUIS L	Pacific Telephone

FINDINGS

14831 E JEREMIE AVE

Year	Uses	Source
1966	MURO ROBT H	Pacific Telephone

14839 E JEREMIE AVE

Year	Uses	Source
1966	WEIDENBACH CARL	Pacific Telephone

JEREMIE AVE

14826 JEREMIE AVE

Year	Uses	Source
1995	YAN MICHAEL	Pacific Bell

14850 JEREMIE AVE

Year	Uses	Source
1995	FLOOD RICHARD L	Pacific Bell

14890 JEREMIE AVE

Year	Uses	Source
1995	GOMEZ RAY	Pacific Bell

JEREMIE ST

14818 JEREMIE ST

Year	Uses	Source
2003	RANGELJose M	Haines & Company
	RANGELJose M	Haines & Company
1960	COLLINS GEO R	Pacific Telephone

14822 JEREMIE ST

Year	Uses	Source
2003	NELSON Jewel	Haines & Company
1995	Bernardino John	Pacific Bell
1975	JOHNSON HOWARD L	Pacific Telephone

14823 JEREMIE ST

Year	Uses	Source
2003	YAMAKA Michael	Haines & Company

FINDINGS

14826 JEREMIE ST

Year	Uses	Source
2003	CRUZ Brenda	Haines & Company
	ESTRADA Juan	Haines & Company
	NEBRIDAJane	Haines & Company
	CRUZ Brenda	Haines & Company
	ESTRADA Juan	Haines & Company
	NEBRIDAJane	Haines & Company
1995	YAN MICHAEL	Pacific Bell
	Yan Michael	Pacific Bell
	Yan Michael	Pacific Bell
1985	CANO LUIS	Pacific Bell
	CANO LUIS	Pacific Bell
1980	CANO LUIS JEREMIE ST BALDWIN PARK	Pacific Telephone

14827 JEREMIE ST

Year	Uses	Source
2003	APARICIOJorge	Haines & Company
1985	KARNS FRED R	Pacific Bell
1975	KARNS JO-ANN	Pacific Telephone
	KARNS FREDRICK R CPA	Pacific Telephone
	KARNS FRED R	Pacific Telephone

14831 JEREMIE ST

Year	Uses	Source
2003	LERMANesalor	Haines & Company

14832 JEREMIE ST

Year	Uses	Source
2003	CASARRUBIAS	Haines & Company
	Gulleliona CORRAL Oscar	Haines & Company
	ROSALESJorge	Haines & Company

14839 JEREMIE ST

Year	Uses	Source
2003	CHAN Kenny	Haines & Company
1985	WEIDENBACH CARL	Pacific Bell
1975	WEIDENBACH CARL	Pacific Telephone

FINDINGS

Map ID: 13

14840 JEREMIE ST

Year	Uses	Source
2003	ROORIGUEZGregodo	Haines & Company

14850 JEREMIE ST

Year	Uses	Source
2003	DAVISDonna	Haines & Company
	FLOOD Richard L	Haines & Company
1985	FLOOD RICHARD L	Pacific Bell
1975	DAVIS BILLY N	Pacific Telephone

14890 JEREMIE ST

Year	Uses	Source
2003	SAAVEDRABedha	Haines & Company
1995	Gomez Rebecca	Pacific Bell
	Gomer Raymond & Billie W Cov n	Pacific Bell
	Gomez Ray	Pacific Bell
1985	GOMEZ RAY	Pacific Bell
1980	GOMEZ RAY JEREMIE ST BALDWIN PARK	Pacific Telephone
1975	GOMEZ RAY	Pacific Telephone

14900 JEREMIE ST

Year	Uses	Source
2003	MULKO Miguel	Haines & Company
1980	MULKO MIGUEL JEREMIE ST BALDWIN PARK	Pacific Telephone

14915 JEREMIE ST

Year	Uses	Source
2003	LEEVan	Haines & Company

14916 JEREMIE ST

Year	Uses	Source
2003	VO Dung	Haines & Company

14918 JEREMIE ST

Year	Uses	Source
2003	PERDOMOJose	Haines & Company

14919 JEREMIE ST

Year	Uses	Source
2003	XXXX	Haines & Company

FINDINGS

Year	Uses	Source
1985	SMITH TIM	Pacific Bell

MILLBURY AVE

3702 MILLBURY AVE

Year	Uses	Source
2003	BALLENTINE Marvin	Haines & Company
1995	BALLENTLNE MARVIN	Pacific Bell
1985	BURNETT WILLIAM L	Pacific Bell
1975	BURNETT WILLIAM L	Pacific Telephone

3703 MILLBURY AVE

Year	Uses	Source
2003	SHARPE Donna	Haines & Company

3706 MILLBURY AVE

Year	Uses	Source
2003	TOLIVER Theodor	Haines & Company

3709 MILLBURY AVE

Year	Uses	Source
2003	GAYGerald E	Haines & Company
	GAYChuck	Haines & Company
1995	GAY GERALD E	Pacific Bell
	Gay Intros There Is A Charge To Dial This Number	Pacific Bell
	Gay Gerald E	Pacific Bell
1985	GAY GERALD E	Pacific Bell
1975	GAY GERALD E	Pacific Telephone

3712 MILLBURY AVE

Year	Uses	Source
2003	FONSECADomino	Haines & Company
1985	LIBOIT F C	Pacific Bell
1975	LIBOLT F C	Pacific Telephone

3715 MILLBURY AVE

Year	Uses	Source
2003	MACHi NSKI Edw	Haines & Company
1995	Machloski Edward	Pacific Bell
	MACHLOSKI EDWARD	Pacific Bell

FINDINGS

Year	Uses	Source
1985	MACHINSKI EDWARD	Pacific Bell
1975	MACHINSKI EDWARD	Pacific Telephone
1960	MACHINSKI EDW	Pacific Telephone

3718 MILLBURY AVE

Year	Uses	Source
2003	FONG George	Haines & Company
1985	FAIR SCOTT	Pacific Bell
1980	FAIR SCOTT MILLBURY AVE BALDWIN PARK	Pacific Telephone

3719 MILLBURY AVE

Year	Uses	Source
2003	RODRi GUEZLawrec	Haines & Company

3724 MILLBURY AVE

Year	Uses	Source
2003	OLONAReyes	Haines & Company
1985	SALVADOR LARRY	Pacific Bell
1980	SALVADOR LARRY MILLBURY AVE BALDWIN PARK	Pacific Telephone

3725 MILLBURY AVE

Year	Uses	Source
2003	GARCIA Manuel	Haines & Company
1980	DENGLER NICHOLAS H MILLBURY AVE BALDWIN PARK	Pacific Telephone

3730 MILLBURY AVE

Year	Uses	Source
2003	RAYGOZAJose	Haines & Company
1995	Flares Beatrir	Pacific Bell
	FLARES BEATRIR	Pacific Bell
1985	DENTON BENJAMIN O	Pacific Bell
1980	DENTON BENJAMIN O MILLBURY AVE BALDWIN PARK	Pacific Telephone
1975	DENTON BENJAMIN O	Pacific Telephone

3731 MILLBURY AVE

Year	Uses	Source
2003	NIGHTWINE W E	Haines & Company
1995	Nightwine W E	Pacific Bell

FINDINGS

Year	Uses	Source
1995	NIGHTWINE W E	Pacific Bell
1985	NIGHTWINE W E	Pacific Bell
1980	NIGHTWINE W E MILLBURY AVE BALDWIN PARK	Pacific Telephone
1975	NIGHTWINE W E	Pacific Telephone

3736 MILLBURY AVE

Year	Uses	Source
2003	CARTER Olin W	Haines & Company
1995	CARTEROLLNW	Pacific Bell
1985	CARTER OLIN W	Pacific Bell
1980	CARTER OLIN W MILLBURY AVE BALDWIN PARK	Pacific Telephone
1975	CARTER OLIN W	Pacific Telephone

3737 MILLBURY AVE

Year	Uses	Source
2003	TACHAVIT Aom	Haines & Company
1985	DIAZ ARNULFO	Pacific Bell

3741 MILLBURY AVE

Year	Uses	Source
2003	MENDEZStephen	Haines & Company
1985	AGUILAR J	Pacific Bell

3742 MILLBURY AVE

Year	Uses	Source
2003	SALAZAR Jesus	Haines & Company
1995	Cal Tiantao	Pacific Bell
	Cai Wen Chen	Pacific Bell
	CAL TIANTAO	Pacific Bell
1985	LARA LOUIS J	Pacific Bell
1975	LARA RICHARD ALLEN	Pacific Telephone

3746 MILLBURY AVE

Year	Uses	Source
2003	TANGWai Chhag	Haines & Company
1995	Tang Walching	Pacific Bell
	Tang Walkit	Pacific Bell
1980	FRAIJO R MILLBURY AVE BALDWIN PARK	Pacific Telephone

FINDINGS

3747 MILLBURY AVE

Year	Uses	Source
2003	1 DELEON Albino	Haines & Company
	RODRIGUEZPedro	Haines & Company
1995	Rodriguez Pedro	Pacific Bell
	RODRIGUEZPEDRO	Pacific Bell
1980	PRICE FORREST JR MILLBURY AVE BALDWIN PARK	Pacific Telephone
1975	PRICE FORREST JR	Pacific Telephone

3752 MILLBURY AVE

Year	Uses	Source
2003	BURT Richard	Haines & Company
1995	BURT RICHARD	Pacific Bell
	Burt Robt & Stacey LM	Pacific Bell
	Burt Richard	Pacific Bell
1985	BURT RICHARD	Pacific Bell
1980	BURT RICHARD MILLBURY AVE BALDWIN PARK	Pacific Telephone
1975	BURT RICHARD	Pacific Telephone

3758 MILLBURY AVE

Year	Uses	Source
2003	0 CHURCH Moses	Haines & Company
1985	CASILLAS ALBERTO BALDWIN PARK	Pacific Bell
1980	CASILLAS ALHAMBRAERTO MILLBURY AVE BALDWIN PARK	Pacific Telephone

3762 MILLBURY AVE

Year	Uses	Source
2003	MURRIETA Cesarea	Haines & Company
1985	BURT LIZA	Pacific Bell
1980	MURRIETA CESAREA R MILLBURY AVE BALDWIN PARK	Pacific Telephone
1975	MURRIETA CESAREA R	Pacific Telephone

3768 MILLBURY AVE

Year	Uses	Source
2003	SANCHEZSylvia	Haines & Company
	SANCHEZJuan	Haines & Company
1985	CAUSTRITA SANTANA	Pacific Bell

FINDINGS

Year	Uses	Source
1980	CAUSTRITA SANTANA MILLBURY AVE BALDWIN PARK	Pacific Telephone

3774 MILLBURY AVE

Year	Uses	Source
2008	PRO IMPRINT	Cole Information Services
2003	OSHAPEN Maria	Haines & Company
	FLORES Ascencion	Haines & Company
1995	FLORESASCENCION	Pacific Bell
	Flores Ascencion	Pacific Bell
1985	FLORES JOSEFINA	Pacific Bell

3780 MILLBURY AVE

Year	Uses	Source
2003	0 VELASCO Manuel	Haines & Company
1995	Fogelman Chas	Pacific Bell
	FOGELMAN CHAS	Pacific Bell
1985	FOGEMAN CHAS	Pacific Bell
1980	GRAGG JAS R MILLBURY AVE BALDWIN PARK	Pacific Telephone
1975	GRAGG JAS R	Pacific Telephone

3783 MILLBURY AVE

Year	Uses	Source
2003	BURNETT Carl Max	Haines & Company
1995	BURNETT CARLMAX	Pacific Bell
	Burnett Carl Max	Pacific Bell
1985	BURNETT CARL MAX	Pacific Bell
1980	BURNETT CARL MAX MILLBURY AVE BALDWIN PARK	Pacific Telephone
1975	BURNETT CARL MAX	Pacific Telephone

3786 MILLBURY AVE

Year	Uses	Source
2003	OLOPEZ Rodrigo	Haines & Company
1995	PALOS CORTEZ MARIA Y	Pacific Bell
	PALOS MARTHA ISABEL	Pacific Bell
	Palos Cortez Maria Y	Pacific Bell
	Palos Martha Isabel	Pacific Bell
1975	COLYN LYLE E	Pacific Telephone
1966	BOURGAIZE EDITH A	Pacific Telephone

FINDINGS

3791 MILLBURY AVE

Year	Uses	Source
2003	ALLEN John	Haines & Company
1995	AIIENJOHND	Pacific Bell
	AIlen John D	Pacific Bell
1985	ALLEN JOHN D	Pacific Bell
1980	ALLEN JOHN D MILLBURY AVE BALDWIN PARK	Pacific Telephone
1975	ALLEN JOHN D	Pacific Telephone

N BIG DALTON AVE

3715 N BIG DALTON AVE

Year	Uses	Source
1966	BAILEY AGNES MRS	Pacific Telephone
1960	BAILEY AGNES MRS	Pacific Telephone
1957	BAILEY AGNES MRS	Pacific Telephone

3716 N BIG DALTON AVE

Year	Uses	Source
1966	SINDELAR ALBERT F	Pacific Telephone
1960	SINDELAR ALBERT F	Pacific Telephone
1957	SINDELAR ALBERT F	Pacific Telephone

3717 N BIG DALTON AVE

Year	Uses	Source
1966	NATELBORG MARSHALL N	Pacific Telephone
1960	NATELBORG MARSHALL N	Pacific Telephone
	NALELBORG MARSHALL N	Pacific Telephone
1957	TROMBLEY HAROLD R	Pacific Telephone

3719 N BIG DALTON AVE

Year	Uses	Source
1966	CHRISTENSEN SCHOU	Pacific Telephone
1960	MISKOFSKI MAJK	Pacific Telephone
1957	MISKOFSKI MAJK	Pacific Telephone

3722 N BIG DALTON AVE

Year	Uses	Source
1966	LOUGHRAN ANNA T MRS	Pacific Telephone
1960	LOUGHRAN ANNA T MRS	Pacific Telephone

FINDINGS

Year	Uses	Source
1957	LOUGHRAN ANNA T MRS	Pacific Telephone

3725 N BIG DALTON AVE

Year	Uses	Source
1966	HENDERSON IRVIN L	Pacific Telephone
1957	HENDERSON IRVIN L	Pacific Telephone

3728 N BIG DALTON AVE

Year	Uses	Source
1966	LONGEVAY LAWRENCE	Pacific Telephone
1960	LAWSON MARY	Pacific Telephone
1957	SAXTON CLIFFORD E REV	Pacific Telephone

3729 N BIG DALTON AVE

Year	Uses	Source
1960	SKACHENKO AARON	Pacific Telephone
1950	BOONE LEVI L	Pacific Telephone
	BOONE LEVI L	Pacific Telephone

3735 N BIG DALTON AVE

Year	Uses	Source
1960	MASON JACK I	Pacific Telephone
1957	MASON JACK I	Pacific Telephone
1950	MASON JACK I	Pacific Telephone
	MASON JACK I	Pacific Telephone

3751 N BIG DALTON AVE

Year	Uses	Source
1966	HOIKA PETER H	Pacific Telephone
1960	SILVAS JACK E	Pacific Telephone
1957	CHRISTENSON A C	Pacific Telephone

3760 N BIG DALTON AVE

Year	Uses	Source
1966	ELLIOTT DAVID	Pacific Telephone
1960	ELLIOTT DAVID	Pacific Telephone
1957	ELLIOTT DAVID	Pacific Telephone

3766 N BIG DALTON AVE

Year	Uses	Source
1966	SCHNURR WM C	Pacific Telephone

FINDINGS

Year	Uses	Source
1960	SCHNURR WM C	Pacific Telephone

3802 N BIG DALTON AVE

Year	Uses	Source
1966	RUIZ WALTER	Pacific Telephone
1960	SEARIGHT RICHARD	Pacific Telephone
1957	HENNESSY LILLIAN M	Pacific Telephone

3803 N BIG DALTON AVE

Year	Uses	Source
1966	FORD CLYDE A	Pacific Telephone
1960	FORD CLYDE A	Pacific Telephone
1957	FORD CLYDE A	Pacific Telephone

3808 N BIG DALTON AVE

Year	Uses	Source
1966	LYTLE LELLA G	Pacific Telephone
1960	LYTLE LEILA G	Pacific Telephone
1957	LYTLE LEILA G	Pacific Telephone

3809 N BIG DALTON AVE

Year	Uses	Source
1966	HANSON CARLYLE	Pacific Telephone
1960	AMANN EARL R	Pacific Telephone
1957	AMANN EARL R	Pacific Telephone

3815 N BIG DALTON AVE

Year	Uses	Source
1966	REED LYNN S	Pacific Telephone
1960	LEWIS DONALD J	Pacific Telephone
1957	LEWIS DONALD J	Pacific Telephone

3818 N BIG DALTON AVE

Year	Uses	Source
1966	WILLIAMS EARL	Pacific Telephone
1960	WILLIAMS EARL	Pacific Telephone

3819 N BIG DALTON AVE

Year	Uses	Source
1966	EICHSTEDT CHAS W	Pacific Telephone
1960	EICHSTEDT CHAS W	Pacific Telephone

FINDINGS

Year	Uses	Source
1957	EICHSTEDT CHAS W	Pacific Telephone

3824 N BIG DALTON AVE

Year	Uses	Source
1960	SOUTHWICK JAS A	Pacific Telephone
1957	SOUTHWICK JAS A	Pacific Telephone

3825 N BIG DALTON AVE

Year	Uses	Source
1966	BEGHTEL CHAS A	Pacific Telephone

3828 N BIG DALTON AVE

Year	Uses	Source
1966	WILLIAMS LESLIE E	Pacific Telephone
1960	WILLIAMS LESLIE E	Pacific Telephone
1957	WILLIAMS LESLIE E	Pacific Telephone

3831 N BIG DALTON AVE

Year	Uses	Source
1966	TRIFILETTI JOHN	Pacific Telephone
1957	SMITH VIOLET L MRS	Pacific Telephone

3834 N BIG DALTON AVE

Year	Uses	Source
1966	CROWTHER DONALD A	Pacific Telephone
1957	CROWTHER DONALD A	Pacific Telephone

3835 N BIG DALTON AVE

Year	Uses	Source
1966	SHERMAN RAYMOND	Pacific Telephone
1960	WHITE LEONA R	Pacific Telephone
1957	WHITE LEONA R	Pacific Telephone

3840 N BIG DALTON AVE

Year	Uses	Source
1966	CORNELIUS CLIFFORD T	Pacific Telephone
1960	CORNELIUS CLIFFORD T	Pacific Telephone
1957	CORNELIUS CLIFFORD T	Pacific Telephone

3841 N BIG DALTON AVE

Year	Uses	Source
1966	WESTER WALTER J	Pacific Telephone

N MILLBURY AVE

3700 N MILLBURY AVE

Year	Uses	Source
1960	EVERMAN WILMA V	Pacific Telephone

3703 N MILLBURY AVE

Year	Uses	Source
1960	BROWN DOROTHEA D	Pacific Telephone
1957	BROWN DOROTHEA D	Pacific Telephone

3706 N MILLBURY AVE

Year	Uses	Source
1960	HILARIO EPIFANIO	Pacific Telephone

3709 N MILLBURY AVE

Year	Uses	Source
1960	LAMKIN KATHLYN F	Pacific Telephone
1957	LAMKIN R B	Pacific Telephone

3715 N MILLBURY AVE

Year	Uses	Source
1966	MACHINSKI EDW	Pacific Telephone
1957	MACHINSKI EDW	Pacific Telephone

3718 N MILLBURY AVE

Year	Uses	Source
1960	KENMIR PERCY	Pacific Telephone
1957	KENMIR PERCY	Pacific Telephone

3724 N MILLBURY AVE

Year	Uses	Source
1960	SWIFT FRED C	Pacific Telephone
1957	SWIFT FRED C	Pacific Telephone

3725 N MILLBURY AVE

Year	Uses	Source
1966	DENGLER NICHOLAS H	Pacific Telephone

FINDINGS

Year	Uses	Source
1960	DENGLER NICHOLAS H	Pacific Telephone
1957	DENGLER NICHOLAS H	Pacific Telephone

3730 N MILLBURY AVE

Year	Uses	Source
1966	DENTON BENJ O	Pacific Telephone
1960	DENTON BENJ O	Pacific Telephone
1957	DENTON BENJ O	Pacific Telephone

3731 N MILLBURY AVE

Year	Uses	Source
1966	NIGHTWINE W E	Pacific Telephone
1960	NIGHTWINE W E	Pacific Telephone
1957	NIGHTWINE W E	Pacific Telephone

3736 N MILLBURY AVE

Year	Uses	Source
1966	CARTER OLIN W	Pacific Telephone
1960	CARTER OLIN W	Pacific Telephone
1957	CARTER OLIN W	Pacific Telephone

3737 N MILLBURY AVE

Year	Uses	Source
1966	GALLENTINE E J	Pacific Telephone
1960	GALLENTINE E J BALDWIN PARK	Pacific Telephone
1957	GALLENTINE E J	Pacific Telephone

3746 N MILLBURY AVE

Year	Uses	Source
1960	MERRITT GERALDINE	Pacific Telephone
1957	MERRITT HOWARD D	Pacific Telephone

3747 N MILLBURY AVE

Year	Uses	Source
1957	VITTILLO CARMEN S	Pacific Telephone

3752 N MILLBURY AVE

Year	Uses	Source
1966	BURT RICHARD	Pacific Telephone
1960	BURT RICHARD	Pacific Telephone
1957	BURT RICHARD	Pacific Telephone

FINDINGS

3758 N MILLBURY AVE

Year	Uses	Source
1960	BOWEN JACK	Pacific Telephone
1957	BOWEN JACK	Pacific Telephone

3762 N MILLBURY AVE

Year	Uses	Source
1966	MURRIETA CESAREA R	Pacific Telephone
1960	MURRIETA TONY	Pacific Telephone
1957	MURRIETA TONY	Pacific Telephone

3768 N MILLBURY AVE

Year	Uses	Source
1960	BREWSTER HERBERT C	Pacific Telephone
1957	BREWSTER HERBERT C	Pacific Telephone

3774 N MILLBURY AVE

Year	Uses	Source
1957	MILLER JOHN S	Pacific Telephone

3780 N MILLBURY AVE

Year	Uses	Source
1960	WRIGHT WARNETTA	Pacific Telephone
1957	SUELL LARRY E	Pacific Telephone

3783 N MILLBURY AVE

Year	Uses	Source
1966	BURNETT CARL MAX	Pacific Telephone
1960	BURNETT CARL MAX	Pacific Telephone
1957	CHILSON CLIFFORD C	Pacific Telephone

3791 N MILLBURY AVE

Year	Uses	Source
1966	ALLEN JOHN D	Pacific Telephone
1960	ALLEN JOHN D	Pacific Telephone
1957	DOWLER MERLE E	Pacific Telephone

N PUENTE AVE

3618 N PUENTE AVE

Year	Uses	Source
1960	LANGLEY ERVIN E	Pacific Telephone

FINDINGS

3630 N PUENTE AVE

Year	Uses	Source
1966	BECK VERA B	Pacific Telephone

PACIFIC ALY

14864 PACIFIC ALY

Year	Uses	Source
1966	SMITH WALTER L	Pacific Telephone
1960	SMITH WALTER L	Pacific Telephone

14914 PACIFIC ALY

Year	Uses	Source
1966	ANTHONY BARBER SHOP	Pacific Telephone

PACIFIC AVE

14709 PACIFIC AVE

Year	Uses	Source
1950	COPLEY RUSSELL D R	Pacific Telephone

14712 PACIFIC AVE

Year	Uses	Source
2003	GLAZER Floridalma	Haines & Company
1975	ALEXANDER GOLDIE M	Pacific Telephone

14712 1/2 PACIFIC AVE

Year	Uses	Source
1995	:PENAROBERTO	Pacific Bell

14718 PACIFIC AVE

Year	Uses	Source
2003	PELCZYNSK Pat R	Haines & Company
1995	PELCZYNSKI PAT R	Pacific Bell
	Pelentay Paul & Lori u	Pacific Bell
	Pelentay M	Pacific Bell
	Pelentay A	Pacific Bell
	Pelczynski Pat R	Pacific Bell
1985	PELCZYNSKI PAT R	Pacific Bell
1980	PELCZYNSKI PAT R PACIFIC AVE BALDWIN PARK	Pacific Telephone
1975	GRIFFIN RUBY M	Pacific Telephone

FINDINGS

14724 PACIFIC AVE

Year	Uses	Source
2003	FLORESJose	Haines & Company
	FEREGRINO Adrian	Haines & Company
1995	GOMEZ CARMEN	Pacific Bell
	Gomez Carmen M	Pacific Bell
	Gomez Carmen	Pacific Bell

14728 PACIFIC AVE

Year	Uses	Source
2003	PINTO Leroy	Haines & Company
1975	MYERS THOMAS E	Pacific Telephone

14738 PACIFIC AVE

Year	Uses	Source
2008	TIME FOR A CURE CORP	Cole Information Services
2003	BEELER Matilda	Haines & Company
1980	MACHLEIT CHRISTINE PACIFIC AVE BALDWIN PARK	Pacific Telephone
	BEELER MATILDA PACIFIC AVE BALDWIN PARK	Pacific Telephone
	R V HORIZONS PACIFIC AVE BALDWIN PARK	Pacific Telephone
1975	BUNKER DAN	Pacific Telephone

14801 PACIFIC AVE

Year	Uses	Source
2008	HOLLAND THOMAS FLEMING	Cole Information Services
	VERONICA RAYGOZA	Cole Information Services
	SCHIRO & ASSOCIATES	Cole Information Services
	HOLLAND THOMAS FLEMING	Cole Information Services
	VERONICA RAYGOZA	Cole Information Services
	SCHIRO & ASSOCIATES	Cole Information Services
1995	ZAMEL JACK	Pacific Bell
	SCHMADERER DOUGLAS	Pacific Bell
	MC QUEENEYDAVE	Pacific Bell
	JACKSON ROBT F	Pacific Bell
	CRUZ JOSE A	Pacific Bell
	Zamel M Cav	Pacific Bell
	Zamel Jack	Pacific Bell
	SERAFIN ANAN L	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Cachrane Steve	Pacific Bell
	Jackson Robt F	Pacific Bell
	Schmaderer Douglas	Pacific Bell
	Schmaeter Norbert & Rita	Pacific Bell
	Schmahl J Cov	Pacific Bell
1985	GALLARDO JOE	Pacific Bell
	YANEZ JOSE	Pacific Bell
	MC QUEENEY DAVE	Pacific Bell
	LUIS EDW JR	Pacific Bell
	JACKSON ROBT F	Pacific Bell
	HOPPER ANNETTE	Pacific Bell
	GILLESPIE RANDALL	Pacific Bell
	FEITH ROBT & CHRISTINE	Pacific Bell
	FEITH JOHN	Pacific Bell
	ANDERSON DONALD	Pacific Bell
	AMAYA DEBORAH M	Pacific Bell
1980	BALDWIN PARK SEVENTH-DAY ADVENTIST CHURCH PACIFIC AVE BALDWIN PARK	Pacific Telephone
1975	PACIFIC AVENUE BAPTIST CHURCH	Pacific Telephone

14802 PACIFIC AVE

Year	Uses	Source
1954	SCHOCK0C R	R. L. Polk & Co.
1950	SCHOCK0C R	Pacific Telephone

14803 PACIFIC AVE

Year	Uses	Source
1950	ARMOUR CHAS J R	Pacific Telephone

14814 PACIFIC AVE

Year	Uses	Source
1950	PALMER MARY M R	Pacific Telephone

14819 PACIFIC AVE

Year	Uses	Source
1950	FORNEAR FRANKLIN H R	Pacific Telephone

14842 PACIFIC AVE

Year	Uses	Source
2003	VERA Ismael	Haines & Company

FINDINGS

14845 PACIFIC AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1985	CHASE FRANK & REBECCA	Pacific Bell

14848 PACIFIC AVE

Year	Uses	Source
2003	VALDEZ Pedro	Haines & Company
1985	MUELLER R H	Pacific Bell
1980	DARNER JAS E PACIFIC AVE BALDWIN PARK	Pacific Telephone
1975	DARNER JAS E	Pacific Telephone

14850 PACIFIC AVE

Year	Uses	Source
1980	MUELLER R H PACIFIC AVE BALDWIN PARK	Pacific Telephone

14852 PACIFIC AVE

Year	Uses	Source
1985	BUTLER J	Pacific Bell
1980	BUTLER J PACIFIC AVE BALDWIN PARK	Pacific Telephone
1975	BUTLER J	Pacific Telephone

14855 PACIFIC AVE

Year	Uses	Source
2013	TRUE JESUS CHURCH IN SOUTHERN CALIFO	Cole Information Services
	TRUE JESUS CHURCH IN SOUTHERN CALIFO	Cole Information Services
2008	TRUE JESUS CHURCH IN SOUTHERN CALIFO	Cole Information Services
	TRUE JESUS CHURCH IN SOUTHERN CALIFO	Cole Information Services
2003	TRUEJESUSCHURCH	Haines & Company
	OFSOCA	Haines & Company
1995	LUTHERAN CHURCHES	Pacific Bell
	LIVING WORD CHURCH SAN GABRIEL	Pacific Bell
	ASCENSION LUTHERAN CHURCH	Pacific Bell
	LUTHERAN SOCIAL SERVICES	Pacific Bell
	Lutheran Social Services	Pacific Bell
	Living Word Church San Gabriel	Pacific Bell
1985	DE COLORES DAY CARE CENTER	Pacific Bell

FINDINGS

Year	Uses	Source
1985	CHAPEL OF THE LIVING WORD OF SAN GABRIEL VALLEY	Pacific Bell
1980	PARENTS & YOUTH COMMUNICATION COMMITTEE PACIFIC AVE BALDWIN PARK	Pacific Telephone
	COMMUNITY SERVICE ORGANIZATION CONSUMER AFFAIRS PACIFIC AVE BALDWIN PARK	Pacific Telephone
	COMMUNITY SERVICE ORGANIZATION CONSUMER AFFAIRS PACIFIC AVE BALDWIN PARK	Pacific Telephone
	COMMUNITY SERVICE ORGANIZATION CONSUMER AFFAIRS PACIFIC AVE BALDWIN PARK	Pacific Telephone
	COMMUNITY SERVICE ORGANIZATION CONSUMER AFFAIRS PACIFIC AVE BALDWIN PARK	Pacific Telephone
	CHAPEL OF THE LIVING WORD OF SAN GABRIEL VALLEY PACIFIC AVE BALDWIN PARK	Pacific Telephone
	BALDWIN PARK PARENTS & YOUTH COMMUNICATION COMMITTEE PACIFIC AVE BALDWIN P	Pacific Telephone

14856 PACIFIC AVE

Year	Uses	Source
2003	MENDOZAManuel	Haines & Company

14864 PACIFIC AVE

Year	Uses	Source
2008	ORTIZ ISAIAS & SUSAN	Cole Information Services
1995	Rodriguez Silvia	Pacific Bell
	RODRIGUEZ SILVIA	Pacific Bell
1985	CEFALIA	Pacific Bell

14874 PACIFIC AVE

Year	Uses	Source
2003	TORGA Maria	Haines & Company

14878 PACIFIC AVE

Year	Uses	Source
1995	LAMAS LLLIANA	Pacific Bell

14881 PACIFIC AVE

Year	Uses	Source
1995	Serafin Anan L	Pacific Bell

FINDINGS

14908 PACIFIC AVE

Year	Uses	Source
1957	VAVRUSKA F J	Pacific Telephone
1950	VAVRUSKA F J R	Pacific Telephone

14914 PACIFIC AVE

Year	Uses	Source
1980	SUBMARINE EXPRESS PACIFIC AVE BALDWIN PARK	Pacific Telephone
	SIR RICHARD S HAIR CUTTING PACIFIC AVE BALDWIN PARK	Pacific Telephone
	HI-HO MARKET & LIQUOR PACIFIC AVE BALDWIN PARK	Pacific Telephone

14921 PACIFIC AVE

Year	Uses	Source
1980	CAMPOS JESUS PACIFIC AVE BALDWIN PARK	Pacific Telephone

PACIFIC AVENUE

14801 PACIFIC AVENUE Client Entered

Year	Uses	Source
1995	MC QUEENEYDAVE	Pacific Bell
	CRUZ JOSE A	Pacific Bell
	SCHMADERER DOUGLAS	Pacific Bell
	ZAMEL JACK	Pacific Bell
	JACKSON ROBT F	Pacific Bell
	SERAFIN ANAN L	Pacific Bell
	Jackson Robt F	Pacific Bell
	Cachrane Steve	Pacific Bell
	Schmaderer Douglas	Pacific Bell
	Schmaeter Norbert & Rita	Pacific Bell
	Schmahl J Cov	Pacific Bell
	Zamel Jack	Pacific Bell
	Zamel M Cav	Pacific Bell
1985	AMAYA DEBORAH M	Pacific Bell
	ANDERSON DONALD	Pacific Bell
	JACKSON ROBT F	Pacific Bell
	HOPPER ANNETTE	Pacific Bell
	FEITH JOHN	Pacific Bell
	FEITH ROBT & CHRISTINE	Pacific Bell

FINDINGS

Year	Uses	Source
1985	GILLESPIE RANDALL	Pacific Bell
	GALLARDO JOE	Pacific Bell
	LUIS EDW JR	Pacific Bell
	MC QUEENEY DAVE	Pacific Bell
	YANEZ JOSE	Pacific Bell
1980	BALDWIN PARK SEVENTH-DAY ADVENTIST CHURCH PACIFIC AVE BALDWIN PARK	Pacific Telephone
1975	PACIFIC AVENUE BAPTIST CHURCH	Pacific Telephone

14855 PACIFIC AVENUE Client Entered

Year	Uses	Source
2003	TRUEJESUSCHURCH	Haines & Company
	OFSOCA	Haines & Company
1995	LIVING WORD CHURCH SAN GABRIEL	Pacific Bell
	LUTHERAN CHURCHES	Pacific Bell
	LUTHERAN SOCIAL SERVICES	Pacific Bell
	ASCENSION LUTHERAN CHURCH	Pacific Bell
	Living Word Church San Gabriel	Pacific Bell
	Lutheran Social Services	Pacific Bell
1985	DE COLORES DAY CARE CENTER	Pacific Bell
	CHAPEL OF THE LIVING WORD OF SAN GABRIEL VALLEY	Pacific Bell
1980	CHAPEL OF THE LIVING WORD OF SAN GABRIEL VALLEY PACIFIC AVE BALDWIN PARK	Pacific Telephone
	COMMUNITY SERVICE ORGANIZATION CONSUMER AFFAIRS PACIFIC AVE BALDWIN PARK	Pacific Telephone
	COMMUNITY SERVICE ORGANIZATION CONSUMER AFFAIRS PACIFIC AVE BALDWIN PARK	Pacific Telephone
	COMMUNITY SERVICE ORGANIZATION CONSUMER AFFAIRS PACIFIC AVE BALDWIN PARK	Pacific Telephone
	COMMUNITY SERVICE ORGANIZATION CONSUMER AFFAIRS PACIFIC AVE BALDWIN PARK	Pacific Telephone
	PARENTS & YOUTH COMMUNICATION COMMITTEE PACIFIC AVE BALDWIN PARK	Pacific Telephone
	BALDWIN PARK PARENTS & YOUTH COMMUNICATION COMMITTEE PACIFIC AVE BALDWIN P	Pacific Telephone

FINDINGS

PUENTE AVE

3649 PUENTE AVE

Year	Uses	Source
2003	GERARD John	Haines & Company
	ROMERO Javier	Haines & Company
1995	ROMERO RALPHAEL	Pacific Bell
	Romero Ralphael	Pacific Bell

3650 PUENTE AVE

Year	Uses	Source
2003	OTORBEY Brahim	Haines & Company

3653 PUENTE AVE

Year	Uses	Source
2003	RANGELFortunato	Haines & Company

3660 PUENTE AVE

Year	Uses	Source
2013	GONZALEZ BROTHERS AUTO	Cole Information Services
2008	YOUSTINA VALERO 4574	Cole Information Services
2003	OPEDRAM Emanuel	Haines & Company
1995	Ramirez Shell	Pacific Bell

3665 PUENTE AVE

Year	Uses	Source
2013	USA PETROLEUM	Cole Information Services
2008	USA PETROLEUM CORP	Cole Information Services
2003	USA PETROLEUM	Haines & Company

3705 PUENTE AVE

Year	Uses	Source
2013	7ELEVEN	Cole Information Services
2008	7 ELEVEN	Cole Information Services
2003	SEVEN 11 FOOD	Haines & Company
1995	7 ELEVEN FOOD STORES STORES	Pacific Bell
	VON HOIST & ASSOCIATES	Pacific Bell
	Von Hoist & Associates	Pacific Bell

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3706 PUENTE AVE

Year	Uses	Source
2003	COIN OPERATED CAR	Haines & Company
1995	Coin Operated Car Wash	Pacific Bell

3715 PUENTE AVE

Year	Uses	Source
2008	BALDWIN PROPERTIES LIMITED	Cole Information Services
2003	APARTMENTS BALDWIN PRPRTY LTD	Haines & Company
	CHAN Steven M	Haines & Company
	FENG Jing	Haines & Company
	HE Jiawen	Haines & Company
	HSU Pei Chi	Haines & Company
	OLESPERANCE M	Haines & Company
	MU Xiao	Haines & Company
	YEUNG Dickie	Haines & Company
	MACABASCOAgilio	Haines & Company
	D REYES Luz	Haines & Company
	MARTINEZ Frank	Haines & Company
	REOLATessa	Haines & Company
	CHU Kenneth	Haines & Company
	XXXX	Haines & Company
	MADER Barbar	Haines & Company
	DELEON Aurora	Haines & Company
	SLOPER William	Haines & Company
	CARREON Belen	Haines & Company
1995	Baldwin Properties Ltd	Pacific Bell
	Liu Peng	Pacific Bell
	Liu Peng Feng	Pacific Bell
	Pacific Holding & Development	Pacific Bell
	Pacific Home Inspection Service Inc Bradbry	Pacific Bell
	Wang Wesley	Pacific Bell
	Wang William	Pacific Bell
	Wang William	Pacific Bell
	Wang William	Pacific Bell
	Wong Wm	Pacific Bell
	Wang William	Pacific Bell
	LIUPENG	Pacific Bell

PUENTE ST

3615 PUENTE ST

Year	Uses	Source
1980	JIMENEZ CRUZ PUENTE ST BALDWIN PARK	Pacific Telephone
1975	JIMENEZ LORI	Pacific Telephone

3622 PUENTE ST

Year	Uses	Source
1985	SLOVAK JEANNETTE	Pacific Bell
	SLOVAK JEFF	Pacific Bell
1980	SLOVAK JEANNETTA PUENTE ST BALDWIN PARK	Pacific Telephone
1975	CASTANO JAIME	Pacific Telephone

3627 PUENTE ST

Year	Uses	Source
1980	GRAFF DALE PUENTE ST BALDWIN PARK	Pacific Telephone
1975	GRAFF DALE	Pacific Telephone

3629 PUENTE ST

Year	Uses	Source
1980	KELLY EDW C PUENTE ST BALDWIN PARK	Pacific Telephone

3630 PUENTE ST

Year	Uses	Source
1985	BODEMAN PAUL	Pacific Bell
1980	BODEMAN PAUL PUENTE ST BALDWIN PARK	Pacific Telephone
1975	BODEMAN PAUL	Pacific Telephone

3636 PUENTE ST

Year	Uses	Source
1980	JONES BARRY K PUENTE ST BALDWIN PARK	Pacific Telephone
1975	TUTTLE GEO W	Pacific Telephone

3644 PUENTE ST

Year	Uses	Source
1985	SEAWRIGHT LEWIS	Pacific Bell
1980	SEAWRIGHT LEWIS PUENTE ST BALDWIN PARK	Pacific Telephone

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3645 PUENTE ST

Year	Uses	Source
1980	AMERI CAL BUILDERS INC PUENTE ST BALDWIN PARK	Pacific Telephone
1975	ROELLE ROGER B	Pacific Telephone

3649 PUENTE ST

Year	Uses	Source
1985	ROMERO RALPHAEL	Pacific Bell

3653 PUENTE ST

Year	Uses	Source
1985	RANGEL FORTUNATO	Pacific Bell
1980	RANGEL FORTUNATO PUENTE ST BALDWIN PARK	Pacific Telephone

3660 PUENTE ST

Year	Uses	Source
1985	RAMIREZ SHELL	Pacific Bell
1980	HI-HO SHELL PUENTE ST BALDWIN PARK	Pacific Telephone

3665 PUENTE ST

Year	Uses	Source
1985	JARTRAN ALHAMBRA	Pacific Bell
	SAMS AUTO SERVICE	Pacific Bell
1980	CALIFORNIA TARGET ENTERPRISES PUENTE ST BALDWIN PARK	Pacific Telephone
1975	DAN TER BUSH SERVICE	Pacific Telephone

3705 PUENTE ST

Year	Uses	Source
1975	ELMERS ARCO SERVICE	Pacific Telephone

3706 PUENTE ST

Year	Uses	Source
1985	COIN OPERATED CAR WASH	Pacific Bell
1980	COIN OPERATED CAR WASH PUENTE ST BALDWIN PARK	Pacific Telephone
1975	COIN OPERATED CAR WASH	Pacific Telephone

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S PACIFIC AVE

14721 S PACIFIC AVE

Year	Uses	Source
1950	LEWIS LAWRENCE LR	Pacific Telephone

14820 S PACIFIC AVE

Year	Uses	Source
1954	HAMILTON ISABELLE H	R. L. Polk & Co.
1950	HAMILTON OTIS R	Pacific Telephone

14902 S PACIFIC AVE

Year	Uses	Source
1950	FISK HELEN MR	Pacific Telephone

STOCKDALE ST

14714 STOCKDALE ST

Year	Uses	Source
1975	BOHLER CARL R BALDWIN PARK	Pacific Telephone

14724 STOCKDALE ST

Year	Uses	Source
1985	CANALES EDW M	Pacific Bell
	CANALES JOHN	Pacific Bell
1980	CANALES JOHN STOCKDALE ST BALDWIN PARK	Pacific Telephone
	CANALES EDW M STOCKDALE ST BALDWIN PARK	Pacific Telephone
1975	MAIMON I G	Pacific Telephone

14738 STOCKDALE ST

Year	Uses	Source
1980	LLOYD ETHEL STOCKDALE ST BALDWIN PARK	Pacific Telephone
1975	FLORES JOSEFINA	Pacific Telephone

14802 STOCKDALE ST

Year	Uses	Source
1980	CONTRERAS DELFINO STOCKDALE ST BALDWIN PARK	Pacific Telephone
1975	PRESCOTT TERRY L	Pacific Telephone

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14803 STOCKDALE ST

Year	Uses	Source
1985	SALDANA RAMIRO	Pacific Bell

14807 STOCKDALE ST

Year	Uses	Source
1980	MORITZ RAYMOND STOCKDALE ST BALDWIN PARK	Pacific Telephone
1975	MORITZ RAYMOND	Pacific Telephone

14808 STOCKDALE ST

Year	Uses	Source
1975	MATTINGLEY LYLE M	Pacific Telephone

14813 STOCKDALE ST

Year	Uses	Source
1975	KEEVER LEROY W	Pacific Telephone

14814 STOCKDALE ST

Year	Uses	Source
1966	ALEXANDER WM B	Pacific Telephone
	ALEXANDER FLORENCE J	Pacific Telephone

14819 STOCKDALE ST

Year	Uses	Source
1966	REYNOLDS CAROLYN EM	Pacific Telephone
	GENTRY ANNA M	Pacific Telephone

14824 STOCKDALE ST

Year	Uses	Source
1985	CHU HENRY	Pacific Bell
1975	FETTERS FRED W	Pacific Telephone

14825 STOCKDALE ST

Year	Uses	Source
1985	AVELLAN FRANCISCO	Pacific Bell
1980	AVELIAN FRANCISCO STOCKDALE ST BALDWIN PARK	Pacific Telephone
1975	LEE JOS R	Pacific Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
14833 Pacific Avenue	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
14709 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14712 1/2 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14712 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14714 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14718 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14721 S PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14724 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14724 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
14728 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14738 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14738 PACIFIC AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14738 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14801 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14801 PACIFIC AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14801 PACIFIC AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14801 PACIFIC AVENUE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14802 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14802 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14803 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14803 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
14807 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14808 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14813 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14814 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14814 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14818 E JEREMIE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14818 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14818 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14819 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14819 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14820 S PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14822 E JEREMIE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
14822 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14823 E JEREMIE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14823 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14824 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14825 STOCKDALE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14826 JEREMIE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14826 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14826 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14827 E JEREMIE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14827 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14830 CHEVALIER AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14831 E JEREMIE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
14831 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14832 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14839 E JEREMIE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14839 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14840 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14842 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14845 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14848 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14850 JEREMIE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14850 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14850 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14852 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
14855 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14855 PACIFIC AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14855 PACIFIC AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14855 PACIFIC AVENUE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14856 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14864 PACIFIC ALY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14864 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14864 PACIFIC AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14874 PACIFIC AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14878 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14881 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14890 JEREMIE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
14890 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14900 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14902 S PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14908 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14914 PACIFIC ALY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14914 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14915 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14916 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14918 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14919 JEREMIE ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14921 PACIFIC AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3615 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3618 N PUENTE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3622 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3627 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3629 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3630 N PUENTE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3630 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3636 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3644 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3645 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3649 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3649 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3650 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3653 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3653 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3660 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3660 PUENTE AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3660 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3665 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3665 PUENTE AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3665 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3700 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3702 BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3702 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3703 BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3703 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3703 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3705 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3705 PUENTE AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3705 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3706 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3706 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3706 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3706 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3709 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3709 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3710 BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3712 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3715 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3715 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3715 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3715 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3715 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3715 PUENTE AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3716 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3717 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3717 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3718 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3718 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3719 BIG DALTN AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3719 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3719 BIG DALTON AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3719 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3719 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3722 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3722 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3724 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3724 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3725 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3725 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3725 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3725 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3728 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3728 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3729 BIG DALTN AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3729 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3729 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3730 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3730 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3731 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3731 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3735 BIG DALTN AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3735 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3735 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3736 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3736 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3737 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3737 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3741 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3742 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3746 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3746 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3747 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3747 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3751 BIG DALTN AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3751 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3751 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3752 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3752 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3758 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3758 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3760 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3760 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3762 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3762 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3766 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3766 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3768 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3768 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3774 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3774 MILLBURY AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3774 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3780 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3780 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3783 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3783 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3786 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3791 MILLBURY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3791 N MILLBURY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3802 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3802 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3803 DUNDRY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3803 DUNDRY AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3803 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3808 BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3808 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3809 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3809 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3812 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3815 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3815 DUNDRY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3815 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3818 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3818 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3819 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3819 BIG DALTON AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3819 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3821 DUNDRY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3824 BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3824 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3825 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3825 DUNDRY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3825 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3828 BIG DALTN AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3828 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3828 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3831 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3831 BIG DALTON AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3831 DUNDRY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3831 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3834 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3834 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3835 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3835 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3840 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3840 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3841 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3841 BIG DALTON AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3841 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3859 1/2 DUNDRY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

Appendix D:

REGULATORY RECORDS

14833 Pacific Avenue
14833 Pacific Avenue
Baldwin Park, CA 91706

Inquiry Number: 4001689.2s
July 10, 2014

The EDR Radius Map™ Report

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

14833 PACIFIC AVENUE
BALDWIN PARK, CA 91706

COORDINATES

Latitude (North):	34.0810000 - 34˚ 4' 51.60''
Longitude (West):	117.9535000 - 117˚ 57' 12.60''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	412026.5
UTM Y (Meters):	3771352.8
Elevation:	373 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34117-A8 BALDWIN PARK, CA
Most Recent Revision:	1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120505
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL..... Proposed National Priority List Sites

EXECUTIVE SUMMARY

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

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

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-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ..... State Response Sites

State and tribal leaking storage tank lists

SLIC ..... Statewide SLIC Cases
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST ..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Program Properties
INDIAN VCP ..... Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
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

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LIENS..... Environmental Liens Listing
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems

EXECUTIVE SUMMARY

ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
CA BOND EXP. PLAN	Bond Expenditure Plan
UIC	UIC Listing
NPDES	NPDES Permits Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
LA Co. Site Mitigation	Site Mitigation List
DRYCLEANERS	Cleaner Facilities
LOS ANGELES CO. HMS	HMS: Street Number List
ENF	Enforcement Action Listing
HAZNET	Facility and Manifest Data
EMI	Emissions Inventory Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
Financial Assurance	Financial Assurance Information Listing
PROC	Certified Processors Database
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
WDS	Waste Discharge System
PRP	Potentially Responsible Parties
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
MWMP	Medical Waste Management Program Listing
COAL ASH DOE	Steam-Electric Plant Operation Data
HWT	Registered Hazardous Waste Transporter Database
HWP	EnviroStor Permitted Facilities Listing
US FIN ASSUR	Financial Assurance Information

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

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 10/25/2013 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 (AREA 2)	***SUNSET & SAN BERNARDINO***	***0 - 1/8 (0.000 mi.)***	***0***	***8***

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (AREA 2)	***SUNSET & SAN BERNARDINO***	***0 - 1/8 (0.000 mi.)***	***0***	***8***

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 03/11/2014 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
TESORO WEST COAST COMPANY LLC	*3665 N PUENTE AVE*	*S 1/8 - 1/4 (0.158 mi.)*	*B8*	*44*

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 12/17/2013 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (AREA 2)	*SUNSET & SAN BERNARDINO*	*0 - 1/8 (0.000 mi.)*	*0*	*8*

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 06/05/2014 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
BALDWIN PARK HIGH SCHOOL AUTO Status: Inactive - Action Required	*3900 PUENTE AVE*	*NE 1/4 - 1/2 (0.256 mi.)*	*17*	*51*
BALDWIN PARK (SAN GABRIEL VALL Status: Active	*COVERS PORTIONS OF CITI*	*NW 1/2 - 1 (0.553 mi.)*	*24*	*64*
LUCKY ONE-HOUR CLEANER Status: Refer: 1248 Local Agency	*4138 N. MAINE AVE.*	*NW 1/2 - 1 (0.594 mi.)*	*25*	*70*

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 05/19/2014 has revealed that there is 1

SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BALDWIN PARK ROAD YARD	***14747 E RAMONA BLVD***	***N 1/4 - 1/2 (0.489 mi.)***	***E23***	***62***

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 05/01/2014 has revealed that there are 7 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
7-11 #19329	***3705 PUENTE AVE***	***SSE 1/8 - 1/4 (0.130 mi.)***	***A4***	***36***
Status: Completed - Case Closed				
SOUTHERN PACIFIC-BALDWIN PARK	***3925 DEPOT ST***	***NNW 1/4 - 1/2 (0.440 mi.)***	***18***	***54***
CITY OF BALDWIN PARK	***14403 PACIFIC AVE E***	***NW 1/4 - 1/2 (0.467 mi.)***	***D20***	***56***
Status: Completed - Case Closed				
LA CO DEPT OF PUBLIC WORKS	14747 RAMONA BLVD E	N 1/4 - 1/2 (0.489 mi.)	E21	59
Status: Completed - Case Closed				
BALDWIN PARK ROAD YARD	***14747 E RAMONA BLVD***	***N 1/4 - 1/2 (0.489 mi.)***	***E23***	***62***
Status: Completed - Case Closed				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA TARGET ENT #061	***3665 PUENTE AVE***	***S 1/8 - 1/4 (0.158 mi.)***	***B6***	***39***
Status: Completed - Case Closed				
RAMEREZ SHELL AUTO CARE	***3660 N PUENTE AVE***	***S 1/8 - 1/4 (0.162 mi.)***	***B9***	***46***
Status: Completed - Case Closed				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 03/17/2014 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
USA GASOLINE STATION #328	3665 PUENTE AVE	S 1/8 - 1/4 (0.158 mi.)	B7	44
PETROMAX	3660 PUENTE AVE	S 1/8 - 1/4 (0.162 mi.)	B11	49

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN: San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

A review of the AOCONCERN list, as provided by EDR, and dated 03/30/2009 has revealed that there is 1 AOCONCERN site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY		0 - 1/8 (0.000 mi.)	0	8

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE SOUTHLAND CORP SS 19329	***3705 PUENTE AVE***	***SSE 1/8 - 1/4 (0.130 mi.)***	***A2***	***34***

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
7-ELEVEN STORE #19329 (2132)	3705 PUENTE AVE	SSE 1/8 - 1/4 (0.130 mi.)	A3	35

Lower Elevation	Address	Direction / Distance	Map ID	Page
SYLVAN JACQUES	3660 PUENTE AVE	S 1/8 - 1/4 (0.162 mi.)	B12	50

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE SOUTHLAND CORP SS 19329	***3705 PUENTE AVE***	***SSE 1/8 - 1/4 (0.130 mi.)***	***A2***	***34***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA TARGET ENT #061	***3665 PUENTE AVE***	***S 1/8 - 1/4 (0.158 mi.)***	***B6***	***39***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RAMEREZ SHELL AUTO CARE	***3660 N PUENTE AVE***	***S 1/8 - 1/4 (0.162 mi.)***	***B9***	***46***

Other Ascertainable Records

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 11/25/2013 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 (AREA 2)	***SUNSET & SAN BERNARDINO***	***0 - 1/8 (0.000 mi.)***	***0***	***8***

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 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
7-11 #19329	***3705 PUENTE AVE***	***SSE 1/8 - 1/4 (0.130 mi.)***	***A4***	***36***
SOUTHERN PACIFIC-BALDWIN PARK	***3925 DEPOT ST***	***NNW 1/4 - 1/2 (0.440 mi.)***	***18***	***54***
BALDWIN PARK TRANSIT CENTER PA	***14403 EAST PACIFIC AVEN***	***NW 1/4 - 1/2 (0.467 mi.)***	***D19***	***55***
LA CO DEPT OF PUBLIC WORK	14747 RAMONA	N 1/4 - 1/2 (0.489 mi.)	E22	62

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA TARGET ENT #061	***3665 PUENTE AVE***	***S 1/8 - 1/4 (0.158 mi.)***	***B6***	***39***

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 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORD SPEED PARTS SPC	4273 AUCTION AVE.	N 1/2 - 1 (0.662 mi.)	26	71

WIP: Well Investigation Program case in the San Gabriel and San Fernando Valley area.

A review of the WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there are 4 WIP sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A-ALLOVER LOCK & SAFE Facility Status: Historical	14922 PACIFIC AVE	SSE 1/8 - 1/4 (0.181 mi.)	13	50

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OCCUPANT Facility Status: Historical	14937 PACIFIC AVE	SE 1/8 - 1/4 (0.225 mi.)	C14	50
OCCUPANT Facility Status: Historical	14944 PACIFIC AVE	SE 1/8 - 1/4 (0.227 mi.)	C16	51

Lower Elevation	Address	Direction / Distance	Map ID	Page
GAYLON FITE INSTALLATIONS Facility Status: Historical	14801 PACIFIC AVE	W 0 - 1/8 (0.070 mi.)	1	34

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: 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 US Hist Auto Stat list, as provided by EDR, has revealed that there are 2 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	3665 PUENTE AVE	S 1/8 - 1/4 (0.158 mi.)	B5	39
Not reported	3660 PUENTE AVE	S 1/8 - 1/4 (0.162 mi.)	B10	49

EDR US Hist 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.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

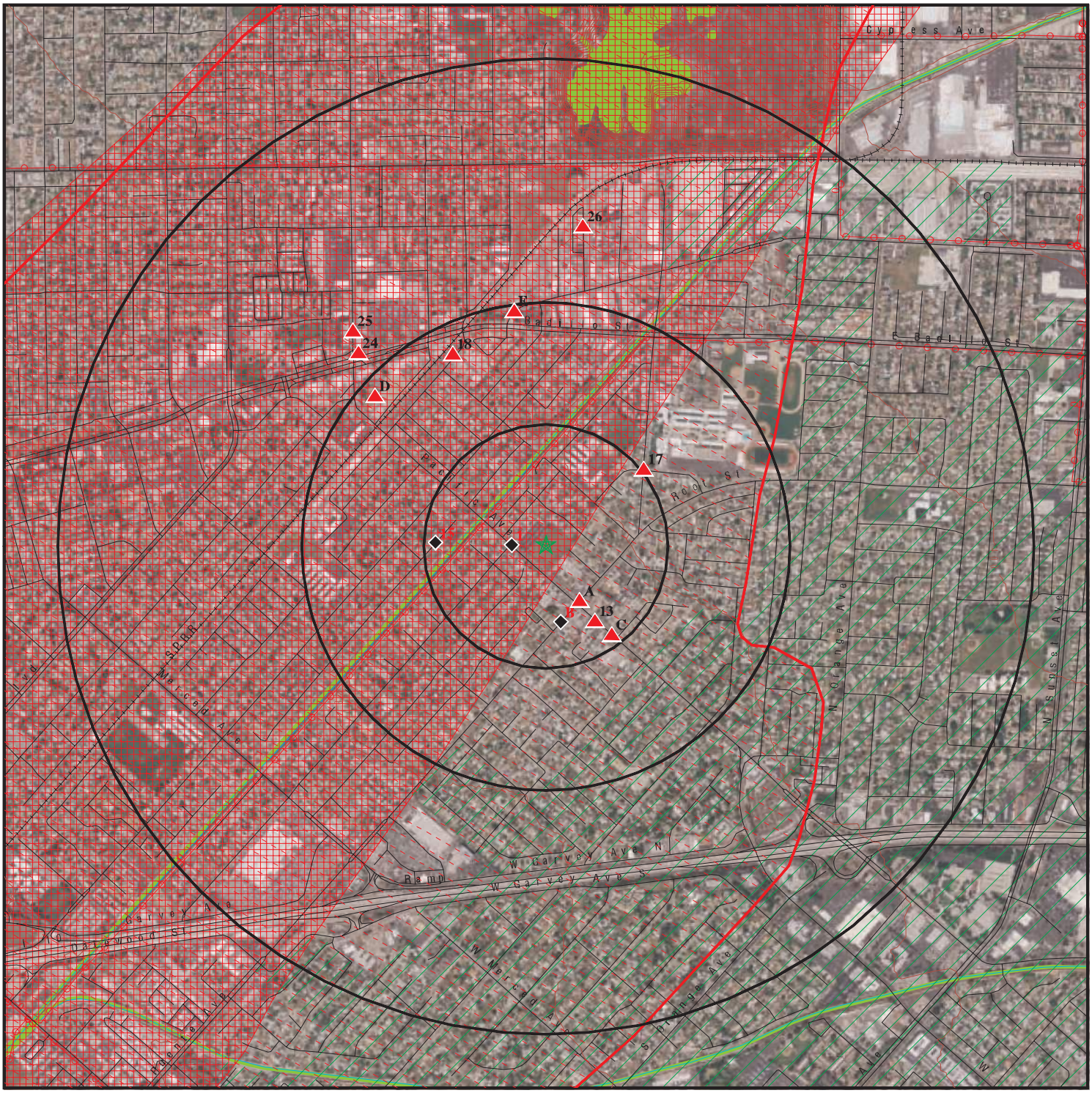
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	3727 STICHMAN AVE	W 1/8 - 1/4 (0.226 mi.)	15	51

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

Site Name	Database(s)
HAROLD E. SIMPSON COMPANY	SWF/LF, LDS
SO PACIFIC TRANSPORTATION	SWEEPS UST
SO PACIFIC TRANS CO B P YARD	CA FID UST, SWEEPS UST
GOLDRING DUMP LANDFILL	SWF/LF
CACO PACIFIC CORPORATION	HAZNET
CALIFORNIA TRANSPORTATION	RCRA-SQG
SO PACIFIC TRANSPORTATION	LOS ANGELES CO. HMS
SO PACIFIC TRANS CO B P YARD	LOS ANGELES CO. HMS

OVERVIEW MAP - 4001689.2s



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- 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: 14833 Pacific Avenue	CLIENT: Ecobility Corporation
ADDRESS: 14833 Pacific Avenue Baldwin Park CA 91706	CONTACT: Valerie Marshall INQUIRY #: 4001689.2s
LAT/LONG: 34.081 / 117.9535	DATE: July 10, 2014 3:48 pm

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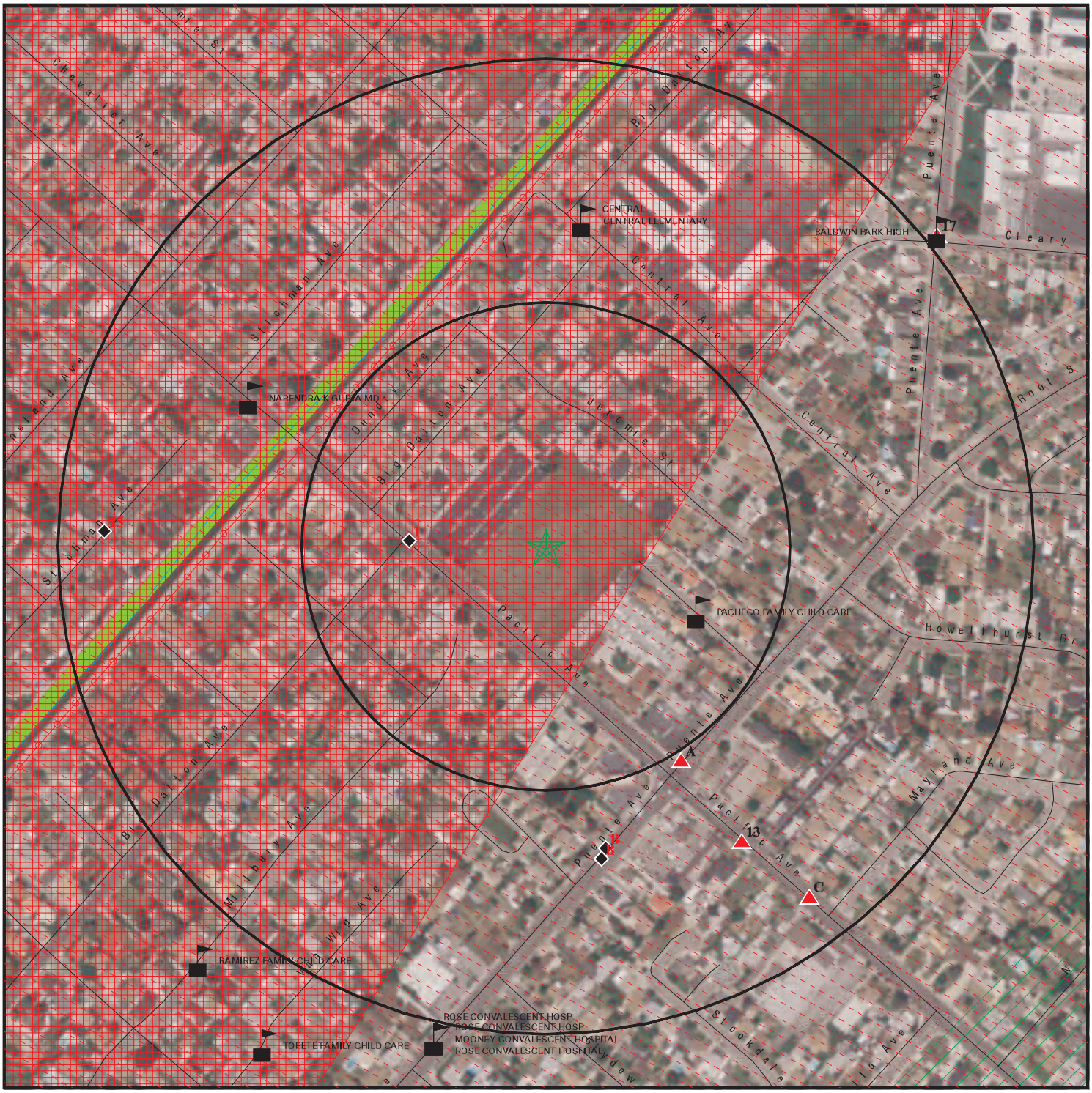
DETAIL MAP - 4001689.2s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
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LAT/LONG: 34.081 / 117.9535	DATE: July 10, 2014 3:50 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		1	0	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	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-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	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	1	2	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
LUST	0.500		0	3	4	NR	NR	7

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
SLIC	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA 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
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
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
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
AOCONCERN	1.000		1	0	0	0	NR	1
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	2	NR	NR	NR	2
SWEEPS UST	0.250		0	3	NR	NR	NR	3
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	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

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
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		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		1	0	0	0	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	2	3	NR	NR	5
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		1	3	NR	NR	NR	4
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	2	NR	NR	NR	2
EDR US Hist Cleaners	0.250		0	1	NR	NR	NR	1
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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Areas of Concern **< 1/8** **1 ft.**	**SAN GABRIEL VALLEY** **LOS ANGELES (County), CA**	**AOCONCERN**	**CCA0000001** **N/A**

AOCONCERN:
area where VOC contamination is at or above the MCL as designated by region 9 EPA office

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NPL Region **< 1/8** **1 ft.**	**SAN GABRIEL VALLEY (AREA 2)** **SUNSET & SAN BERNARDINO FREEWAY** **BALDWIN PARK, CA 91706**	**NPL** **CERCLIS** **US ENG CONTROLS** **ROD** **PRP**	**1000114961** **CAD980818512**

NPL:

EPA ID:	CAD980818512
EPA Region:	09
Federal:	N
Final Date:	1984-05-08 00:00:00

Category Details:

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-<= 10 Feet
Category Value:	1
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

Site Details:

Site Name:	SAN GABRIEL VALLEY (AREA 2)
Site Status:	Final
Site Zip:	91706
Site City:	BALDWIN PARK
Site State:	CA
Federal Site:	No
Site County:	LOS ANGELES
EPA Region:	09
Date Proposed:	09/08/83
Date Deleted:	Not reported
Date Finalized:	05/08/84

Substance Details:

NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U210
Substance:	TETRACHLOROETHENE
CAS #:	127-18-4
Pathway:	GROUND WATER PATHWAY

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U211
Substance: CARBON TETRACHLORIDE
CAS #: 56-23-5
Pathway: GROUND WATER PATHWAY
Scoring: 4

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 Details:
NPL Status: Final
Proposed Date: 09/08/1983
Final Date: 05/08/1984
Deleted Date: Not reported

Narratives Details:
NPL Name: SAN GABRIEL VALLEY (AREA 2)
City: BALDWIN PARK
State: CA

CERCLIS:
Site ID: 0902092
EPA ID: CAD980818512
Facility County: LOS ANGELES

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Short Name:	SAN GABRIEL VALLEY (AREA
Congressional District:	32
IFMS ID:	09M5
SMSA Number:	4480
USGC Hydro Unit:	18070106
Federal Facility:	Not a Federal Facility
DMNSN Number:	12.25000
Site Orphan Flag:	N
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	Not reported
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Groundwater
Site Settings Code:	SU
NPL Status:	Currently on the Final NPL
DMNSN Unit Code:	SQMI
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Not reported
Non NPL Status Date:	/ /
Site Fips Code:	06037
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	9000127.00000
Contact Name:	Wayne Praskins
Contact Tel:	(415) 972-3181
Contact Title:	Remedial Project Manager (RPM)
Contact Email:	Not reported
Contact ID:	13003854.00000
Contact Name:	Leslie Ramirez
Contact Tel:	(415) 972-3978
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported
Contact ID:	13003858.00000
Contact Name:	Sharon Murray
Contact Tel:	(415) 972-4250
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported
Contact ID:	13004003.00000
Contact Name:	Carl Brickner
Contact Tel:	Not reported
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

CERCLIS Site Alias Name(s):

Alias ID:	101

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Alias Name: BALDWIN PARK
Alias Address: Not reported
Not reported
Alias ID: 102
Alias Name: SAN GABRIEL VALLEY (AREA 2)
Alias Address: SUNSET & SN BERNARDINO FRWY
BALDWIN PARK, CA 91706
Alias ID: 103
Alias Name: SAN GABRIEL VALLEY (AREA 2)
Alias Address: SUNSET & SAN BERNARDINO FREEWAY
BALDWIN PARK AREA, CA 91706
Alias Comments: Not reported
Site Description: Four areas of groundwater contamination are listed on the National Priorities List: San Gabriel Valley Area 1, San Gabriel Valley Area 2, San Gabriel Valley 3, and San Gabriel Valley 4. The four areas represent a significant portion of the 170 square mile San Gabriel Valley in Los Angeles County, California. More than one million residents live in the San Gabriel Valley alongside a variety of commercial and industrial operations. The San Gabriel Aquifer, which underlies most of the San Gabriel Valley Basin, stores an estimated three trillion gallons of water and is the primary source of water for most of the Basin?s residents. Major surface water features in the San Gabriel Valley include the San Gabriel River, tributaries to the San Gabriel River system, and spreading basins located in or adjacent to the river channels. The approximate location of the San Gabriel Valley Area 2 Site is west of highway 39, south of the San Gabriel Mountains, east of the San Gabriel River, and north of Walnut Creek. Nearly all of the Baldwin Park area is fully developed for residential, commercial, and industrial use. The largest parcels of open land are active and inactive gravel pits and the Santa Fe flood Control Basin. Water purveyors in the site area include: the City of Azusa, California Domestic Water Company, City of Glendora, La Puente Valley County Water District, San Gabriel Valley Water Company, Suburban Water Systems, and Valley County Water District. Volatile Organic Compounds (VOCs), major contaminants of concern at the San Gabriel Valley Sites, were used in large quantities at industrial facilities as early as the 1940?s. From the 1940?s through the 1980?s, carbon tetrachloride, tetrachloroethane, thrichlorethene, and other chlorinated solvents were used by hundreds of businesses for degreasing, as raw materials for automotive products, by a solvent recycler, for chemical extractions , and for other purposes. VOCs have been released by a combination of intentional disposal, careless handling during loading and unloading, leaking tanks and pipes, and other means. VOCs were not detected in ground water until 1979 during environmental monitoring activities conducted by Aerojet Electrosystems near its facility in Azusa. In May 1984, EPA listed four areas of contamination were listed as San Gabriel Valley Area 1 through 4. EPA began its enforcement efforts in the site area in 1985 with searches for and evaluations of historical Federal, State, and local records on chemical usage, handling, and disposal. In 1985, the California Regional Water Quality Board began its Well Investigation Program (WIP) to identify the sources of ground water contamination detected in water supply wells. In 1989, EPA entered into a cooperative agreement to expand the WIP program to determine the nature and extent of contamination in the San Gabriel Valley. The RI/FS for the Baldwin Park OU was conducted concurrently with source identification efforts, as a fund-lead project. In March 1994, the Record of Decision (ROD) document was signed.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Date Started:	/ /
Date Completed:	04/01/80
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	State, No Fund Money
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	ISSUE REQUEST LETTERS (104E)
Date Started:	/ /
Date Completed:	08/01/83
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	SITE INSPECTION
Date Started:	03/01/83
Date Completed:	09/01/83
Priority Level:	Higher priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	09/01/83
Priority Level:	Higher priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	/ /
Date Completed:	09/01/83
Priority Level:	Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 09/08/83
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 01/01/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMMUNITY INVOLVEMENT
Date Started: 05/01/84
Date Completed: 05/01/84
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 05/08/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 12/30/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: Notice Letters Issued
Date Started: / /
Date Completed: 05/07/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: Notice Letters Issued
Date Started: / /
Date Completed: 06/07/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 06/08/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Code:	008
Action:	Notice Letters Issued
Date Started:	/ /
Date Completed:	07/09/90
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	014
Action:	Notice Letters Issued
Date Started:	/ /
Date Completed:	09/20/90
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	016
Action:	Notice Letters Issued
Date Started:	/ /
Date Completed:	10/12/90
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	017
Action:	Notice Letters Issued
Date Started:	/ /
Date Completed:	12/05/90
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	018
Action:	Notice Letters Issued
Date Started:	/ /

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Date Completed: 12/06/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 019
Action: Notice Letters Issued
Date Started: / /
Date Completed: 12/07/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Notice Letters Issued
Date Started: / /
Date Completed: 02/07/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Notice Letters Issued
Date Started: / /
Date Completed: 03/06/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009
Action: Notice Letters Issued
Date Started: / /
Date Completed: 07/09/91
Priority Level: Not reported
Operable Unit: SITEWIDE

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 015
Action: Notice Letters Issued
Date Started: / /
Date Completed: 09/26/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: / /
Date Completed: 09/30/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 12/27/91
Date Completed: 12/27/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RISK/HEALTH ASSESSMENT
Date Started: / /
Date Completed: 09/16/92
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ECOLOGICAL RISK ASSESSMENT
Date Started: / /
Date Completed: 09/16/92
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Special Notice Issued
Date Started: / /
Date Completed: 05/26/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 010
Action: Notice Letters Issued
Date Started: / /
Date Completed: 08/04/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 013
Action: Notice Letters Issued
Date Started: / /
Date Completed: 08/27/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Code:	001
Action:	Special Notice Issued
Date Started:	/ /
Date Completed:	02/03/94
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	08/01/87
Date Completed:	03/31/94
Priority Level:	Not reported
Operable Unit:	BALDWIN PARK
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	RECORD OF DECISION
Date Started:	/ /
Date Completed:	03/31/94
Priority Level:	Not reported
Operable Unit:	BALDWIN PARK
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	09/30/84
Date Completed:	07/01/94
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	01/30/89
Date Completed:	07/01/94
Priority Level:	Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 011
Action: Notice Letters Issued
Date Started: / /
Date Completed: 08/09/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Notice Letters Issued
Date Started: / /
Date Completed: 04/13/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: Notice Letters Issued
Date Started: / /
Date Completed: 04/20/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: Notice Letters Issued
Date Started: / /
Date Completed: 05/05/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 012
Action: Notice Letters Issued
Date Started: / /
Date Completed: 08/18/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 05/13/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 05/15/97
Date Completed: 06/30/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 06/30/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Code:	001
Action:	PROSPECTIVE PURCHASER AGREEMENT ASSESSMENT
Date Started:	06/05/01
Date Completed:	09/25/01
Priority Level:	PPA Signed
Operable Unit:	BALDWIN PARK
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	/ /
Date Completed:	09/25/01
Priority Level:	Not reported
Operable Unit:	BALDWIN PARK
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	04/11/02
Priority Level:	Not reported
Operable Unit:	BALDWIN PARK
Primary Responsibility:	Not reported
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	ALTERNATIVE DISPUTE RESOLUTION
Date Started:	07/01/00
Date Completed:	05/31/02
Priority Level:	Not reported
Operable Unit:	BALDWIN PARK
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	CONSENT DECREE
Date Started:	01/01/02
Date Completed:	08/27/02
Priority Level:	Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Operable Unit:	BALDWIN PARK
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	07/21/00
Date Completed:	09/26/02
Priority Level:	Not reported
Operable Unit:	LPVCWD SUBPROJECT
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	003
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	07/21/00
Date Completed:	03/31/03
Priority Level:	Not reported
Operable Unit:	VCWD SUBPROJECT
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	004
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	07/21/00
Date Completed:	08/08/03
Priority Level:	Not reported
Operable Unit:	SGVWC B6 SUBPROJECT
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	09/26/02
Date Completed:	09/30/03
Priority Level:	Interim RA Report
Operable Unit:	LPVCWD SUBPROJECT
Primary Responsibility:	Responsible Party
Planning Status:	Primary

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 07/21/00
Date Completed: 09/29/04
Priority Level: Not reported
Operable Unit: SGVWC B5 SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 03/31/03
Date Completed: 09/30/04
Priority Level: Interim RA Report
Operable Unit: VCWD SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 03/14/05
Date Completed: 03/14/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 08/08/03
Date Completed: 03/31/05
Priority Level: Interim RA Report
Operable Unit: SGVWC B6 SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

For detailed financial records, contact EDR for a Site Report.:

Action Code:	010
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	09/20/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	012
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	10/26/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	011
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	10/26/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	013
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	10/26/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Code:	009
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	10/26/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	008
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	10/26/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	007
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	10/26/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	006
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	10/26/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	SETTLEMENT (GENERIC)
Date Started:	/ /

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Date Completed:	11/01/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	005
Action:	CONSENT DECREE
Date Started:	09/28/05
Date Completed:	12/12/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	006
Action:	CONSENT DECREE
Date Started:	09/28/05
Date Completed:	12/13/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	CONSENT DECREE
Date Started:	09/28/05
Date Completed:	12/13/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	003
Action:	CONSENT DECREE
Date Started:	09/28/05
Date Completed:	12/13/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	004
Action:	CONSENT DECREE
Date Started:	09/28/05
Date Completed:	12/13/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	007
Action:	CONSENT DECREE
Date Started:	09/28/05
Date Completed:	12/14/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	008
Action:	CONSENT DECREE
Date Started:	09/28/05
Date Completed:	12/16/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	005
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	09/29/04
Date Completed:	09/28/06
Priority Level:	Interim RA Report
Operable Unit:	SGVWC B5 SUBPROJECT
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009
Action: CONSENT DECREE
Date Started: 03/26/07
Date Completed: 03/26/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 014
Action: Lodged By DOJ
Date Started: / /
Date Completed: 06/21/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FIVE-YEAR REVIEW
Date Started: 05/01/07
Date Completed: 09/27/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: FIVE-YEAR REVIEW
Date Started: / /
Date Completed: 09/24/12
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Code:	001
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	07/21/00
Date Completed:	/ /
Priority Level:	Not reported
Operable Unit:	BALDWIN PARK
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Other Start and Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	09/26/02
Date Completed:	/ /
Priority Level:	Not reported
Operable Unit:	BALDWIN PARK
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Other Start and Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	POTENTIALLY RESPONSIBLE PARTY LONG-TERM RESPONSE ACTION
Date Started:	09/30/03
Date Completed:	/ /
Priority Level:	Not reported
Operable Unit:	BALDWIN PARK
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	OPERATIONS AND MAINTENANCE
Date Started:	09/30/03
Date Completed:	/ /
Priority Level:	Not reported
Operable Unit:	BALDWIN PARK
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	OPERATIONS AND MAINTENANCE
Date Started:	09/30/03
Date Completed:	/ /
Priority Level:	Not reported
Operable Unit:	LPVCWD SUBPROJECT

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/30/04
Date Completed: / /
Priority Level: Not reported
Operable Unit: VCWD SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: OPERATIONS AND MAINTENANCE
Date Started: 03/31/05
Date Completed: / /
Priority Level: Not reported
Operable Unit: SGVWC B6 SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/28/06
Date Completed: / /
Priority Level: Not reported
Operable Unit: SGVWC B5 SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:
Fed Register Date: 05/08/84
Fed Register Volume: 49
Page Number: 19480

Fed Register Date: 09/08/83
Fed Register Volume: 48
Page Number: 40674

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Click this hyperlink while viewing on your computer to access
1492 additional US CERCLIS Financial: record(s) in the EDR Site Report.

US ENG CONTROLS:

EPA ID:	CAD980818512
Site ID:	0902092
Name:	SAN GABRIEL VALLEY (AREA 2)
Address:	SUNSET & SAN BERNARDINO FREEWAY BALDWIN PARK, CA 91706
EPA Region:	09
County:	LOS ANGELES
Event Code:	Not reported
Actual Date:	03/31/1994

Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	03/31/1994
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Air Stripping

Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	03/31/1994
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Discharge

Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	03/31/1994
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Liquid Phase Carbon Adsorption

Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	03/31/1994
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Monitoring

Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	03/31/1994
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Pump And Treat

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:

PRP name: A & J SYSTEMS

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

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
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 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

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

CHEVRON USA, INC.
CLAUDEAN MULLINS KAWIE

Click this hyperlink while viewing on your computer to access
193 additional PRP: record(s) in the EDR Site Report.

1
West
< 1/8
0.070 mi.
370 ft.

GAYLON FITE INSTALLATIONS
14801 PACIFIC AVE
BALDWIN PARK, CA 91706

WIP **S106767156**
N/A

Relative:
Lower

Actual:
371 ft.

WIP:

Region:	4
File Number:	108.1432
File Status:	**Historical**
Staff:	DRASMUSS
Facility Suite:	15

A2
SSE
1/8-1/4
0.130 mi.
684 ft.

THE SOUTHLAND CORP SS 19329
3705 PUENTE AVE
BALDWIN PARK, CA

CA FID UST **S101583383**
SWEEPS UST **N/A**

Site 1 of 3 in cluster A

Relative:
Higher

Actual:
374 ft.

CA FID UST:

Facility ID:	19003573
Regulated By:	UTNKA
Regulated ID:	00003785
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	8180000000
Mail To:	Not reported
Mailing Address:	0 BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BALDWIN PARK
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	10067
Number:	9
Board Of Equalization:	44-002251
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010067-000001
Tank Status:	A
Capacity:	Not reported

THE SOUTHLAND CORP SS 19329 (Continued) **S101583383**

Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	3

Status:	Active
Comp Number:	10067
Number:	9
Board Of Equalization:	44-002251
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010067-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	10067
Number:	9
Board Of Equalization:	44-002251
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010067-000003
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

A3 **7-ELEVEN STORE #19329 (2132)** **HIST UST** **U001569909**
SSE **3705 PUENTE AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91760**
0.130 mi.
684 ft. **Site 2 of 3 in cluster A**

Relative:
Higher

Actual:
374 ft.

HIST UST:

Region:	STATE
Facility ID:	00000003785
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0003
Contact Name:	THOMAS VAN HOLST
Telephone:	7143385551
Owner Name:	THE SOUTHLAND CORPORATION
Owner Address:	1240 S. STATE COLLEGE BLVD.,SU
Owner City,St,Zip:	ANAHEIM, CA 92806

7-ELEVEN STORE #19329 (2132) (Continued) **U001569909**

Tank Num:	001
Container Num:	01
Year Installed:	1977
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, 10

Tank Num:	002
Container Num:	02
Year Installed:	1977
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, 10

Tank Num:	003
Container Num:	03
Year Installed:	1977
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	06
Tank Construction:	Not reported
Leak Detection:	Stock Inventor, 10

A4 **7-11 #19329** **HIST CORTESE** **S102423496**
SSE **3705 PUENTE AVE** **LUST** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.130 mi.
684 ft. **Site 3 of 3 in cluster A**

Relative:
Higher

Actual:
374 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-10067

LUST:

Region:	STATE
Global Id:	T0603703563
Latitude:	34.079712
Longitude:	-117.952402
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/05/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	I-10067
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

7-11 #19329 (Continued) **S102423496**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603703563
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

Global Id:	T0603703563
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

Status History:

Global Id:	T0603703563
Status:	Completed - Case Closed
Status Date:	08/05/1996

Global Id:	T0603703563
Status:	Open - Site Assessment
Status Date:	04/28/1992

Global Id:	T0603703563
Status:	Open - Case Begin Date
Status Date:	04/08/1992

Regulatory Activities:

Global Id:	T0603703563
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0603703563
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Global Id:	T0603703563
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles

7-11 #19329 (Continued) **S102423496**

Facility Id:	I-10067	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		VE
Global ID:	T0603703563	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	PACIFIC AVE	
Enforcement Type:	Not reported	
Date Leak Discovered:	4/8/1992	
Date Leak First Reported:		4/28/1992
Date Leak Record Entered:	5/26/1992	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	4/8/1992	
Date Case Last Changed on Database:		1/12/1996
Date the Case was Closed:		8/5/1996
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Overfill	
Leak Source:	Piping	
Operator:	SOUTHLAND CORP	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2100.97623159294967563209081 5
Source of Cleanup Funding:		Piping
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		4/28/1992
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:	SOUTHLAND CORP	
RP Address:	5820 STONERIDGE MALL RD, PLEASONTON, 94566	
Program:	LUST	
Lat/Long:	34.0796282 / -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	

B5 **EDR US Hist Auto Stat** **1015451806**
South **3665 PUENTE AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.158 mi.
833 ft. **Site 1 of 8 in cluster B**

Relative:
Lower

Actual:
372 ft.

EDR Historical Auto Stations:

Name: USA PETROLEUM
Year: 2003
Address: 3665 PUENTE AVE

Name: USA PETROLEUM
Year: 2005
Address: 3665 PUENTE AVE

Name: USA PETROLEUM CORP
Year: 2006
Address: 3665 PUENTE AVE

Name: USA PETROLEUM
Year: 2011
Address: 3665 PUENTE AVE

Name: USA PETROLEUM
Year: 2012
Address: 3665 PUENTE AVE

B6 **CALIFORNIA TARGET ENT #061** **HIST CORTESE** **S100720944**
South **3665 PUENTE AVE** **LUST** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706** **SWEEPS UST**
0.158 mi. **LOS ANGELES CO. HMS**
833 ft. **Site 2 of 8 in cluster B**

Relative:
Lower

Actual:
372 ft.

HIST CORTESE:

Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-13856

LUST:

Region: STATE
Global Id: T0603704113
Latitude: 34.079197
Longitude: -117.95287
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/03/1993
Lead Agency: LOS ANGELES COUNTY
Case Worker: JOA
Local Agency: LOS ANGELES COUNTY
RB Case Number: I-13856
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CALIFORNIA TARGET ENT #061 (Continued) **S100720944**

Contact:

Global Id:	T0603704113
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

Global Id:	T0603704113
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

Status History:

Global Id:	T0603704113
Status:	Completed - Case Closed
Status Date:	06/03/1993

Global Id:	T0603704113
Status:	Open - Site Assessment
Status Date:	07/02/1992

Global Id:	T0603704113
Status:	Open - Case Begin Date
Status Date:	06/08/1992

Regulatory Activities:

Global Id:	T0603704113
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Global Id:	T0603704113
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	I-13856
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

CALIFORNIA TARGET ENT #061 (Continued) **S100720944**

Global ID:	T0603704113	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	PACIFIC AVE	
Enforcement Type:	Not reported	
Date Leak Discovered:	6/8/1992	
Date Leak First Reported:		1/21/1993
Date Leak Record Entered:	7/12/1992	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		6/3/1993
Date the Case was Closed:		6/3/1993
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):		1955.2599897741640699763403536
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		7/2/1992
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:	FORMERLY CAL. TARGET	
RP Address:	511 LA CUTA CIRCLE, WEST COVINA, CA 91791	
Program:	LUST	
Lat/Long:	34.0789422 / -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	

SWEEPS UST:

Status:	Active
Comp Number:	13856
Number:	1
Board Of Equalization:	44-010266
Referral Date:	06-25-92
Action Date:	06-25-92
Created Date:	06-30-89

CALIFORNIA TARGET ENT #061 (Continued) **S100720944**

Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013856-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 7

Status: Active
Comp Number: 13856
Number: 1
Board Of Equalization: 44-010266
Referral Date: 06-25-92
Action Date: 06-25-92
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013856-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 13856
Number: 1
Board Of Equalization: 44-010266
Referral Date: 06-25-92
Action Date: 06-25-92
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013856-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 13856
Number: 1
Board Of Equalization: 44-010266
Referral Date: 06-25-92
Action Date: 06-25-92
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013856-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN

CALIFORNIA TARGET ENT #061 (Continued) **S100720944**

STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 13856
Number: 1
Board Of Equalization: 44-010266
Referral Date: 06-25-92
Action Date: 06-25-92
Created Date: 06-30-89
Owner Tank Id: 5
SWRCB Tank Id: 19-000-013856-000005
Tank Status: A
Capacity: 500
Active Date: 06-25-92
Tank Use: OIL
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 13856
Number: 1
Board Of Equalization: 44-010266
Referral Date: 06-25-92
Action Date: 06-25-92
Created Date: 06-30-89
Owner Tank Id: 6
SWRCB Tank Id: 19-000-013856-000006
Tank Status: A
Capacity: 500
Active Date: 06-25-92
Tank Use: OIL
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 13856
Number: 1
Board Of Equalization: 44-010266
Referral Date: 06-25-92
Action Date: 06-25-92
Created Date: 06-30-89
Owner Tank Id: 7
SWRCB Tank Id: 19-000-013856-000007
Tank Status: A
Capacity: 500
Active Date: 06-25-92
Tank Use: OIL
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Region: LA

CALIFORNIA TARGET ENT #061 (Continued) **S100720944**

Facility Id: 013486-022521
Facility Type: T0
Facility Status: Closed
Area: 3X
Permit Number: 000135573
Permit Status: Closed

Region: LA
Facility Id: 013486-013856
Facility Type: T0
Facility Status: Removed
Area: 3X
Permit Number: 00005479T
Permit Status: Removed

Region: LA
Facility Id: 013486-049726
Facility Type: T0
Facility Status: Closed
Area: 3X
Permit Number: 000533814
Permit Status: Closed

B7 **USA GASOLINE STATION #328** **UST** **U004049318**
South **3665 PUENTE AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.158 mi.
833 ft. **Site 3 of 8 in cluster B**

Relative:
Lower

Actual:
372 ft.

UST:
Facility ID: 22521
Latitude: 34.080678
Longitude: -117.951724
Permitting Agency LOS ANGELES COUNTY

B8 **TESORO WEST COAST COMPANY LLC 68106** **RCRA-SQG** **1006806017**
South **3665 N PUENTE AVE** **FINDS** **CAR000144204**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.158 mi.
833 ft. **Site 4 of 8 in cluster B**

Relative:
Lower

Actual:
372 ft.

RCRA-SQG:
Date form received by agency: 05/09/2007
Facility name: TESORO WEST COAST COMPANY LLC 68106
Facility address: 3665 N PUENTE AVE
BALDWIN PARK, CA 91706
EPA ID: CAR000144204
Mailing address: 3450 S 344TH WAY
STE 201
AUBURN, WA 98001
Contact: ROB DONOVAN
Contact address: 3450 S 344TH WAY STE 201
AUBURN, WA 98001
Contact country: US
Contact telephone: 253-896-8716
Contact email: Not reported

TESORO WEST COAST COMPANY LLC 68106 (Continued) **1006806017**

EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: TESORO WEST COAST COMPANY LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/01/2007
Owner/Op end date: Not reported

Owner/operator name: TESORO WEST COAST COMPANY LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/01/2007
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/13/2003
Facility name: TESORO WEST COAST COMPANY LLC 68106
Site name: USA GASOLINE CORPORATION FACILITY NO 828
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D018
Waste name: BENZENE

TESORO WEST COAST COMPANY LLC 68106 (Continued) **1006806017**

Violation Status: No violations found

FINDS:

Registry ID: 110014461162

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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.

B9
South
1/8-1/4
0.162 mi.
858 ft.

RAMEREZ SHELL AUTO CARE
3660 N PUENTE AVE
BALDWIN PARK, CA 91706

LUST **S104575267**
SWEEPS UST **N/A**
LOS ANGELES CO. HMS

Site 5 of 8 in cluster B

Relative:
Lower

Actual:
372 ft.

LUST:

Region:	STATE
Global Id:	T0603793471
Latitude:	34.078862
Longitude:	-117.952394
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/14/2002
Lead Agency:	LOS ANGELES COUNTY
Case Worker:	TS
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	Not reported
LOC Case Number:	9807-26363
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603793471
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:	T0603793471
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG

RAMEREZ SHELL AUTO CARE (Continued) **S104575267**

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

Status History:
Global Id: T0603793471
Status: Open - Site Assessment
Status Date: 05/12/2002

Global Id: T0603793471
Status: Open - Case Begin Date
Status Date: 05/12/2002

Global Id: T0603793471
Status: Completed - Case Closed
Status Date: 05/14/2002

Regulatory Activities:
Global Id: T0603793471
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0603793471
Action Type: REMEDIATION
Date: 01/01/1950
Action: Not reported

Global Id: T0603793471
Action Type: ENFORCEMENT
Date: 05/14/2002
Action: Closure/No Further Action Letter

Global Id: T0603793471
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

SWEEPS UST:
Status: Active
Comp Number: 9648
Number: 9
Board Of Equalization: 44-000074
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009648-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W

RAMEREZ SHELL AUTO CARE (Continued) **S104575267**

Content: Not reported
Number Of Tanks: 4

Status: Active
Comp Number: 9648
Number: 9
Board Of Equalization: 44-000074
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009648-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9648
Number: 9
Board Of Equalization: 44-000074
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009648-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9648
Number: 9
Board Of Equalization: 44-000074
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009648-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 009807-026363

RAMEREZ SHELL AUTO CARE (Continued) **S104575267**

Facility Type: T0
Facility Status: Removed
Area: 3X
Permit Number: 000227631
Permit Status: Removed

B10 **EDR US Hist Auto Stat** **1015451680**
South **3660 PUENTE AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.162 mi.
858 ft. **Site 6 of 8 in cluster B**

Relative:
Lower

Actual:
372 ft.

EDR Historical Auto Stations:

Name: GONZALEZ BROTHERS AUTO
Year: 2005
Address: 3660 PUENTE AVE

Name: GONZALEZ BROTHERS AUTO
Year: 2006
Address: 3660 PUENTE AVE

Name: GONZALEZ BROTHERS AUTO
Year: 2007
Address: 3660 PUENTE AVE

Name: GONZALEZ BROTHERS AUTO
Year: 2009
Address: 3660 PUENTE AVE

Name: GONZALEZ BROTHERS AUTO
Year: 2010
Address: 3660 PUENTE AVE

Name: GONZALEZ BROTHERS AUTO
Year: 2011
Address: 3660 PUENTE AVE

Name: GONZALEZ BROTHERS AUTO
Year: 2012
Address: 3660 PUENTE AVE

B11 **PETROMAX** **UST** **U004049599**
South **3660 PUENTE AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.162 mi.
858 ft. **Site 7 of 8 in cluster B**

Relative:
Lower

Actual:
372 ft.

UST:
Facility ID: 32627
Latitude: 34.080226
Longitude: -117.951045
Permitting Agency LOS ANGELES COUNTY

B12 **SYLVAN JACQUES** **HIST UST** **U001568815**
South **3660 PUENTE AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.162 mi.
858 ft. **Site 8 of 8 in cluster B**

Relative:
Lower

Actual:
372 ft.

HIST UST:

Region:	STATE
Facility ID:	00000061371
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0001
Contact Name:	LEO RAMIREZ
Telephone:	8189601660
Owner Name:	SYLVAN & MURIEL JACQUES
Owner Address:	3660 NORTH PUENTE
Owner City,St,Zip:	BALDWIN PARK, CA 91706
Tank Num:	001
Container Num:	1
Year Installed:	1984
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10

---

13 **A-ALLOVER LOCK & SAFE** **WIP** **S106767157**
SSE **14922 PACIFIC AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.181 mi.
957 ft.

Relative:
Higher

Actual:
374 ft.

WIP:

Region:	4
File Number:	108.1433
File Status:	**Historical**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

C14 **OCCUPANT** **WIP** **S107257162**
SE **14937 PACIFIC AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.225 mi.
1186 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
374 ft.

WIP:

Region:	4
File Number:	108.1434
File Status:	**Historical**
Staff:	DRASMUSS
Facility Suite:	1/2

15
West
1/8-1/4
0.226 mi.
1195 ft.

3727 STICHMAN AVE
BALDWIN PARK, CA 91706

EDR US Hist Cleaners **1015050932**
N/A

Relative:
Lower

Actual:
365 ft.

EDR Historical Cleaners:

Name:	ALDOS CARPET CLEANERS
Year:	2007
Address:	3727 STICHMAN AVE
Name:	ALDOS CARPET CLEANERS
Year:	2008
Address:	3727 STICHMAN AVE

C16
SE
1/8-1/4
0.227 mi.
1197 ft.

OCCUPANT
14944 PACIFIC AVE
BALDWIN PARK, CA 91706

Site 2 of 2 in cluster C

WIP **S106767159**
N/A

Relative:
Higher

Actual:
374 ft.

WIP:

Region:	4
File Number:	108.1435
File Status:	**Historical**
Staff:	DRASMUSS
Facility Suite:	Not reported

17
NE
1/4-1/2
0.256 mi.
1353 ft.

BALDWIN PARK HIGH SCHOOL AUTO CENTER PROJECT
3900 PUENTE AVE
BALDWIN PARK, CA 91706

SCH **S107735881**
NPDES **N/A**
ENVIROSTOR

Relative:
Higher

Actual:
385 ft.

SCH:

Facility ID:	19010016
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.6
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304242
Assembly:	48
Senate:	24
Special Program Status:	Not reported
Status:	Inactive - Action Required
Status Date:	03/16/2001
Restricted Use:	NO
Funding:	School District
Latitude:	34.08477
Longitude:	-117.9471

BALDWIN PARK HIGH SCHOOL AUTO CENTER PROJECT (Continued) **S107735881**

APN:	8438001904
Past Use:	SCHOOL - HIGH SCHOOL
Potential COC:	Arsenic
Confirmed COC:	Arsenic
Potential Description:	SOIL
Alias Name:	BALDWIN PARK HIGH SCHOOL EXPANSION
Alias Type:	Alternate Name
Alias Name:	BALDWIN PARK UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	BALDWIN PRK UNFD SCHL BLDWN PRK HS EXPAN
Alias Type:	Alternate Name
Alias Name:	8438001904
Alias Type:	APN
Alias Name:	304242
Alias Type:	Project Code (Site Code)
Alias Name:	19010016
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/16/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/27/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

NPDES:

Npdes Number:	CAS000002
Facility Status:	Terminated
Agency Id:	0
Region:	4
Regulatory Measure Id:	400866
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19C356781
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/23/2009
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	06/01/2011
Discharge Name:	Baldwin Park Unified School District

BALDWIN PARK HIGH SCHOOL AUTO CENTER PROJECT (Continued) **S107735881**

Discharge Address:	3699 Holly Avenue
Discharge City:	Baldwin Park
Discharge State:	California
Discharge Zip:	91706

ENVIROSTOR:

Facility ID:	19010016
Status:	Inactive - Action Required
Status Date:	03/16/2001
Site Code:	304242
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	0.6
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	48
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.08477
Longitude:	-117.9471
APN:	8438001904
Past Use:	SCHOOL - HIGH SCHOOL
Potential COC:	Arsenic
Confirmed COC:	Arsenic
Potential Description:	SOIL
Alias Name:	BALDWIN PARK HIGH SCHOOL EXPANSION
Alias Type:	Alternate Name
Alias Name:	BALDWIN PARK UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	BALDWIN PRK UNFD SCHL BLDWN PRK HS EXPAN
Alias Type:	Alternate Name
Alias Name:	8438001904
Alias Type:	APN
Alias Name:	304242
Alias Type:	Project Code (Site Code)
Alias Name:	19010016
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/16/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/27/2001
Comments:	Not reported

BALDWIN PARK HIGH SCHOOL AUTO CENTER PROJECT (Continued) **S107735881**

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

18
NNW
1/4-1/2
0.440 mi.
2321 ft.

SOUTHERN PACIFIC-BALDWIN PARK **HIST CORTESE** **S101295586**
3925 DEPOT ST **LUST** **N/A**
BALDWIN PARK, CA 91706

Relative:
Higher

Actual:
384 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-12358

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	R-12358
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:	T0603705119
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19000
Cross Street:	Not reported
Enforcement Type:	Not reported
Date Leak Discovered:	3/28/1988
Date Leak First Reported:	6/13/1988
Date Leak Record Entered:	7/5/1988
Date Confirmation Began:	Not reported
Date Leak Stopped:	3/28/1988
Date Case Last Changed on Database:	7/5/1988
Date the Case was Closed:	9/14/1989
How Leak Discovered:	Tank Closure
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	SOUTHERN PACIFIC
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	771.787632493066860024563299 79
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported

SOUTHERN PACIFIC-BALDWIN PARK (Continued) **S101295586**

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:	SOUTHERN PACIFIC
RP Address:	1 MARKET PLAZA RM 1007, SAN FRANCISCO, CA 91706
Program:	LUST
Lat/Long:	34.0851729 / -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

D19 **BALDWIN PARK TRANSIT CENTER PARKING STRUCTURE** **NPDES** **S104160110**
NW **14403 EAST PACIFIC AVENUE** **HIST CORTESE** **N/A**
1/4-1/2 **BALDWIN PARK, CA 91706**
0.467 mi.
2467 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

Actual:
378 ft.

NPDES:

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	425992
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19C364273
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/03/2012
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	City of Baldwin Park
Discharge Address:	14403 Pacific Avenue
Discharge City:	Baldwin Park
Discharge State:	California
Discharge Zip:	91706

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-12669

D20 NW 1/4-1/2 0.467 mi. 2467 ft. | **CITY OF BALDWIN PARK**
14403 PACIFIC AVE E
BALDWIN PARK, CA 91706

Site 2 of 2 in cluster D

LUST
HIST UST
SWEEPS UST
WIP
LOS ANGELES CO. HMS
EMI

U001568736
N/A

Relative: Higher

Actual: 378 ft.

LUST:

Region:	STATE
Global Id:	T0603705154
Latitude:	34.0854209
Longitude:	-117.959443
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/28/1999
Lead Agency:	LOS ANGELES COUNTY
Case Worker:	JOA
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	R-12669
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603705154
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:	T0603705154
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

Status History:

Global Id:	T0603705154
Status:	Open - Case Begin Date
Status Date:	01/20/1993

Global Id:	T0603705154
Status:	Completed - Case Closed
Status Date:	09/28/1999

Regulatory Activities:

Global Id:	T0603705154
Action Type:	Other
Date:	01/01/1950

CITY OF BALDWIN PARK (Continued) **U001568736**

Action:	Leak Reported
Global Id:	T0603705154
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	R-12669
Status:	Case Closed
Substance:	Diesel
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	No Action Required
Global ID:	T0603705154
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19000
Cross Street:	RAMONA BLVD
Enforcement Type:	Not reported
Date Leak Discovered:	1/20/1993
Date Leak First Reported:	1/26/1993
Date Leak Record Entered:	2/20/1993
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	9/28/1999
Date the Case was Closed:	9/28/1999
How Leak Discovered:	OM
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Piping
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	1868.938792381165422891730652
Source of Cleanup Funding:	Piping
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:	No
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CITY OF BALDWIN PARK

CITY OF BALDWIN PARK (Continued) **U001568736**

RP Address:	14403 E PACIFIC AVE, BALDWIN PARK, CA 91706
Program:	LUST
Lat/Long:	34.085355 / -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 #032993-14

HIST UST:

Region:	STATE
Facility ID:	00000065284
Facility Type:	Other
Other Type:	CITY HALL
Total Tanks:	0001
Contact Name:	Not reported
Telephone:	8189603993
Owner Name:	CITY OF BALDWIN PARK
Owner Address:	14403 E. PACIFIC AVENUE
Owner City,St,Zip:	BALDWIN PARK, CA 91706
Tank Num:	001
Container Num:	1
Year Installed:	1978
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor

SWEEPS UST:

Status:	Active
Comp Number:	12669
Number:	9
Board Of Equalization:	44-009873
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-012669-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

WIP:

Region:	4
File Number:	108.1586
File Status:	**Historical**
Staff:	WLIU
Facility Suite:	Not reported

CITY OF BALDWIN PARK (Continued) **U001568736**

LOS ANGELES CO. HMS:

Region:	LA
Facility Id:	012514-012669
Facility Type:	T0
Facility Status:	Permit
Area:	3X
Permit Number:	00004494T
Permit Status:	Permit

Region:	LA
Facility Id:	012514-040460
Facility Type:	Not reported
Facility Status:	OPEN
Area:	3X
Permit Number:	Not reported
Permit Status:	Not reported

Region:	LA
Facility Id:	016979-022799
Facility Type:	Not reported
Facility Status:	OPEN
Area:	3X
Permit Number:	Not reported
Permit Status:	Not reported

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	48810
Air District Name:	SC
SIC Code:	9199
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 & Smllr Tons/Yr:	0

E21 **LA CO DEPT OF PUBLIC WORKS** **LUST** **S102432383**
North **14747 RAMONA BLVD E** **N/A**
1/4-1/2 **BALDWIN PARK, CA 91706**
0.489 mi.
2580 ft. **Site 1 of 3 in cluster E**

Relative:
Higher

Actual:
391 ft.

LUST:

Region:	STATE
Global Id:	T0603700168
Latitude:	34.088742
Longitude:	-117.953969
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/16/1996

LA CO DEPT OF PUBLIC WORKS (Continued) **S102432383**

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	108.0012
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700168
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

Global Id:	T0603700168
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

Status History:

Global Id:	T0603700168
Status:	Completed - Case Closed
Status Date:	10/16/1996

Global Id:	T0603700168
Status:	Open - Site Assessment
Status Date:	02/12/1992

Global Id:	T0603700168
Status:	Open - Site Assessment
Status Date:	02/23/1995

Global Id:	T0603700168
Status:	Open - Case Begin Date
Status Date:	01/15/1992

Regulatory Activities:

Global Id:	T0603700168
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0603700168
Action Type:	Other
Date:	01/01/1950

LA CO DEPT OF PUBLIC WORKS (Continued) **S102432383**

Action:	Leak Discovery
Global Id:	T0603700168
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	108.0012	
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:	T0603700168	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	BADILLO ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	1/22/1992	
Date Leak First Reported:		2/12/1992
Date Leak Record Entered:	3/31/1992	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	1/15/1992	
Date Case Last Changed on Database:		8/31/1995
Date the Case was Closed:		10/16/1996
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	OLD CASE #040392-12	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2614.1726374397851393601229419
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		2/12/1992
Pollution Characterization Began:		2/23/1995
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:		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:	LA CO. DPW	

LA CO DEPT OF PUBLIC WORKS (Continued) **S102432383**

RP Address:	SAME AS SITE
Program:	LUST
Lat/Long:	34.0877709 / -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:	CASE IS IN THE SAN GABRIEL VALLEY WIP.

E22 **LA CO DEPT OF PUBLIC WORK** **HIST CORTESE** **S103958785**
North **14747 RAMONA** **N/A**
1/4-1/2 **BALDWIN PARK, CA 91706**
0.489 mi.
2580 ft. **Site 2 of 3 in cluster E**

Relative:
Higher

Actual:
391 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	108.0012

E23 **BALDWIN PARK ROAD YARD** **SWF/LF** **S105964547**
North **14747 E RAMONA BLVD** **LUST** **N/A**
1/4-1/2 **BALDWIN PARK, CA 91706** **LA Co. Site Mitigation**
0.489 mi. **LOS ANGELES CO. HMS**
2580 ft. **Site 3 of 3 in cluster E**

Relative:
Higher

Actual:
391 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	19-AA-0402
Lat/Long:	34.0890300 / -117.95385
Owner Name:	Los Angeles Co Public Works Road M. Div
Owner Telephone:	6264583981
Owner Address:	Not reported
Owner Address2:	P.O. Box 1460
Owner City,St,Zip:	Alhambra, CA 91802-1460
Operational Status:	Active
Operator:	Los Angeles Co Public Works Road M. Div
Operator Phone:	6264583981
Operator Address:	Not reported
Operator Address2:	P.O. Box 1460
Operator City,St,Zip:	Alhambra, CA 91802-1460
Permit Date:	04/29/2003
Permit Status:	Notification
Permitted Acreage:	Not reported
Activity:	Limited Volume Transfer Operation
Regulation Status:	Notification
Landuse Name:	Not reported
GIS Source:	Map
Category:	Transfer/Processing
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Construction/demolition,Mixed municipal
Closure Date:	Not reported

BALDWIN PARK ROAD YARD (Continued) **S105964547**

Closure Type: Not reported
Disposal Acreage: Not reported
SWIS Num: 19-AA-0402
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 10
Actual Throughput with Units: Cu Yards/day
Permitted Capacity with Units: 2400
Remaining Capacity: Not reported
Remaining Capacity with Units: Cu Yards/year

LUST:
Region: STATE
Global Id: T10000000501
Latitude: 34.0832995
Longitude: -117.97315
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/18/2008
Lead Agency: LOS ANGELES COUNTY
Case Worker: JOA
Local Agency: LOS ANGELES COUNTY
RB Case Number: Not reported
LOC Case Number: 010746-010701
File Location: Not reported
Potential Media Affect: Not reported
Potential Contaminants of Concern: Lead, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T10000000501
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

Status History:
Global Id: T10000000501
Status: Open - Site Assessment
Status Date: 11/18/2008

Global Id: T10000000501
Status: Completed - Case Closed
Status Date: 11/18/2008

Global Id: T10000000501
Status: Open - Case Begin Date
Status Date: 09/12/2008

Regulatory Activities:
Global Id: T10000000501

BALDWIN PARK ROAD YARD (Continued) **S105964547**

Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T10000000501
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T10000000501
Action Type:	ENFORCEMENT
Date:	02/10/2011
Action:	Closure/No Further Action Letter

LA Co. Site Mitigation:

Facility ID:	FA0021519
Site ID:	SD0011442
Jurisdiction:	County
Case ID:	RO0011442
Abated:	Not reported
Assigned To:	Not reported
Entered Date:	05/11/2004

LOS ANGELES CO. HMS:

Region:	LA
Facility Id:	010746-055353
Facility Type:	Not reported
Facility Status:	OPEN
Area:	3X
Permit Number:	Not reported
Permit Status:	Not reported

24
NW
1/2-1
0.553 mi.
2922 ft.

BALDWIN PARK (SAN GABRIEL VALLEY SUPERFUND SITE) **Cortese** **S110653116**
COVERS PORTIONS OF CITIES OF AZUSA, IRWINDALE, BALDWIN PARK **ENVIROSTOR** **N/A**
BALDWIN PARK, CA 91706

Relative:
Higher

Actual:
380 ft.

CORTESE:

Region:	CORTESE
Envirostor Id:	60001336
Site/Facility Type:	FEDERAL SUPERFUND - LISTED
Cleanup Status:	ACTIVE
Status Date:	05/25/2010
Site Code:	300345
Latitude:	34.086786
Longitude:	-117.96020
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	export
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported

BALDWIN PARK (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653116**

Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

ENVIROSTOR:
Facility ID: 60001336
Status: Active
Status Date: 05/25/2010
Site Code: 300345
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 6400
NPL: YES
Regulatory Agencies: SMBRP, RWQCB 4 - Los Angeles, US EPA
Lead Agency: US EPA
Program Manager: Kate Burger
Supervisor: Ajit Vaidya
Division Branch: Cleanup Sacramento
Assembly: 48
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Joint State/Federal-Funded
Latitude: 34.08678
Longitude: -117.9602
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, AEROSPACE ROCKET TESTING/LAUNCH, DISTRIBUTOR - CHEMICAL, LANDFILL - DOMESTIC, MANUFACTURING - CHEMICALS, MANUFACTURING - ELECTRONIC, MANUFACTURING - METAL, MANUFACTURING - OTHER, TRANSPORTATION - WAREHOUSING, WASTE - INDUSTRIAL TREATMENT FACILITY
Potential COC: Perchlorate Tetrachloroethylene (PCE Trichloroethylene (TCE Carbon tetrachloride 1,4-Dioxane N-Nitrosodimethylamine
Confirmed COC: Perchlorate Tetrachloroethylene (PCE 1,4-Dioxane Carbon tetrachloride Trichloroethylene (TCE N-Nitrosodimethylamine
Potential Description: AQUI, OTH, WELL
Alias Name: San Gabriel Groundwater Basin (1-4)*
Alias Type: Alternate Name
Alias Name: 300345
Alias Type: Project Code (Site Code)
Alias Name: 19990006
Alias Type: Envirostor ID Number
Alias Name: 60001336
Alias Type: Envirostor ID Number
Alias Name: http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/3dec8ba32523684288257426 0743733/0065ed704ae95ccc88257007005e941e!OpenDocument
Alias Type: External Website Link / URL

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Master Agreement
Completed Date: 03/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

BALDWIN PARK (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653116**

Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 01/13/2006
Comments: This Consent Decree was entered with the District Court on 12/13/2005. DTSC received payment of $111,997 in payment for past response costs under this settlment agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 12/15/2005
Comments: Settlement Agreement Entered with U.S. District Court on 12/15/2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 11/01/2005
Comments: DTSC received $54,000 under this in payment for the proof of claim it filed for environmental response costs under the October 20, 2004 Bankruptcy proceeding.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 12/13/2005
Comments: DTSC will be receiving $75,000 in payment for past response costs under this Consent Decree

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 12/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 01/13/2006
Comments: DTSC received $16,050 from Allegiance Healthcare Corp. and $44,138 from Phillip Morris USA Inc. under this Consent Decree. Payments were received on 1/11/06 from Allegiance, and on 1/13/06 from Phillip Morris USA, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 09/17/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees

BALDWIN PARK (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653116**

Completed Date: 09/30/2002
Comments: Baldwin Park OU - Payment of DTSC past costs under a small party cashout Agreement dated August 28, 2002.

Completed Area Name: SAN GABRIEL VALLEY WATER COMPANY B5 PROJECT
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/28/2006
Comments: Not reported

Completed Area Name: Valley County Water District Project (aka Subarea 1/Arrow Lante)
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 08/08/2003
Comments: Not reported

Completed Area Name: SAN GABRIEL VALLEY WATER COMPANY B6 PROJECT
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/31/2003
Comments: BP-B6 Final Design approved by U.S. EPA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 03/31/1994
Comments: U.S. EPA issues Record of Decision (ROD) for the Baldwin Park OU.

Completed Area Name: SAN GABRIEL VALLEY WATER COMPANY B5 PROJECT
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/30/2004
Comments: U.S EPA approved final design for the B5 project on 9/30/04

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 03/31/1994
Comments: U.S. EPA issues Record of Decision for Baldwin Park OU on 3/31/94

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/21/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/31/2010
Comments: 2009 Annual Performance Evaluation Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 02/28/2011
Comments: The report was submitted as informational type only document.

BALDWIN PARK (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653116**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 01/31/2011
Comments: DTSC received the progress report as informational only type document. DTSC is not planning to submit comments unless to address fatal flaws in report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision w/ESD
Completed Date: 05/01/1999
Comments: ESD

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 04/06/2011
Comments: DTSC will be reviewing the 2010 Annual Performance Report for informational type purposes and does not intend on sending written comments at this time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/09/2010
Comments: Current Remedy Performance Evaluation Plan (w/ updates since 2004 version)

Completed Area Name: LA Valley County Water District La Puente Project
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/01/2003
Comments: Not reported

Completed Area Name: SAN GABRIEL VALLEY WATER COMPANY B6 PROJECT
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/01/2004
Comments: Not reported

Completed Area Name: Valley County Water District Project (aka Subarea 1/Arrow Lante)
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/01/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/09/2011
Comments: June 2011 Progress Report submitted as informational only type document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports

BALDWIN PARK (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653116**

Completed Date: 09/24/2012
Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 08/09/2012
Comments: DTSC sent the USEPA BPOU PM 2011 Performance Monitoring Report comments attached with FYR comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 04/02/1993
Comments: Includes RI results

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 05/01/1993
Comments: Proposed Plan

Completed Area Name: LA Valley County Water District La Puente Project
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/26/2002
Comments: Remedial design

Completed Area Name: SAN GABRIEL VALLEY WATER COMPANY B5 PROJECT
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/29/2004
Comments: Remedial Design

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 04/01/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/27/2014
Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 04/11/2002
Comments: J.H. Mitchell and Sons Distributors, Inc. and Screwmatic

BALDWIN PARK (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653116**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Decree
Completed Date:	07/23/2007
Comments:	The settling parties are: Azusa Pipe and Tube Bending Corp., Frederick Tressel, Ronald Tressel, the Trustees of the Tressel Family Trust, the General Services Administration, Department of the Army, Department of Defense, Department of the Navy, Department of the Air Force, and U.S. Army Corps of Engineers.
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	5 Year Review Reports
Future Due Date:	2018
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

25
NW
1/2-1
0.594 mi.
3134 ft.

LUCKY ONE-HOUR CLEANER
4138 N. MAINE AVE.
BALDWIN PARK, CA 91706

LA Co. Site Mitigation **S106843203**
ENVIROSTOR **N/A**

Relative:
Higher

Actual:
381 ft.

LA Co. Site Mitigation:

Facility ID:	FA0017269
Site ID:	SD0010015
Jurisdiction:	State
Case ID:	RO0010015
Abated:	Yes
Assigned To:	Don Thompson
Entered Date:	05/11/2004

ENVIROSTOR:

Facility ID:	19720030
Status:	Refer: 1248 Local Agency
Status Date:	03/12/2001
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	57
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	0
Longitude:	0

LUCKY ONE-HOUR CLEANER (Continued) **S106843203**

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 19720030
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification
Completed Date: 02/22/2001
Comments: SB 1248 Los Angeles County

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

26
North
1/2-1
0.662 mi.
3497 ft.

FORD SPEED PARTS SPC
4273 AUCTION AVE.
BALDWIN PARK, CA 91706

Notify 65 **S100177999**
N/A

Relative:
Higher

Actual:
402 ft.

Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 91706-3408

Count: 8 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BALDWIN PARK	1004678355	CALIFORNIA TRANSPORTATION	RT 605 KM POST 32.7 33.2	91706	RCRA-SQG
BALDWIN PARK	S106932333	SO PACIFIC TRANSPORTATION	5925 DEPOT ST		SWEEPS UST
BALDWIN PARK	S101582896	SO PACIFIC TRANS CO B P YARD	3925 DEPOT ST		CA FID UST, SWEEPS UST
BALDWIN PARK	S106853269	SO PACIFIC TRANSPORTATION	4000 E RAILROAD AVE		LOS ANGELES CO. HMS
BALDWIN PARK	S106024456	SO PACIFIC TRANS CO B P YARD	3925 N RAILROAD AVE		LOS ANGELES CO. HMS
COVINA	S113000492	CACO PACIFIC CORPORATION	813 N CUMMING	91722	HAZNET
IRWINDALE	U003057077	HAROLD E. SIMPSON COMPANY	200 E. LIVE OAK AVENUE	91706	SWF/LF, LDS
IRWINDALE	S110326599	GOLDRING DUMP LANDFILL	5500 NORTH PECK ROAD	91706	SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 07/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Quarterly

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: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 07/08/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 18

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/19/2014
Next Scheduled EDR Contact: 09/01/2014
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: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/03/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

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: 06/05/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 33

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/06/2014
Next Scheduled EDR Contact: 08/18/2014
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: 06/05/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 33

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/06/2014
Next Scheduled EDR Contact: 08/18/2014
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: 05/19/2014
Date Data Arrived at EDR: 05/20/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 2

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/20/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/01/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 12

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/17/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 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: Quarterly

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 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases
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: 05/01/2014
Date Data Arrived at EDR: 05/01/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 12

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

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: 05/12/2014
Date Data Arrived at EDR: 05/12/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 36

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
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: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

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: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/28/2014
Date Data Arrived at EDR: 05/01/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 47

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
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: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 05/12/2014
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: 04/24/2014
Date Data Arrived at EDR: 04/25/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 53

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/11/2014
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: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/17/2014
Date Data Arrived at EDR: 03/19/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 37

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/17/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/14/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 33

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

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: 04/04/2014
Date Data Arrived at EDR: 04/08/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 70

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/12/2014
Date Data Arrived at EDR: 05/14/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 34

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/07/2014
Date Data Arrived at EDR: 05/09/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 39

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/11/2014
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: 04/24/2014
Date Data Arrived at EDR: 04/25/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 53

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

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: 05/12/2014
Date Data Arrived at EDR: 05/12/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/28/2014
Date Data Arrived at EDR: 05/01/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 47

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 03/20/2014
Date Data Arrived at EDR: 04/01/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 77

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
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: 06/05/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 33

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/06/2014
Next Scheduled EDR Contact: 08/18/2014
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: 03/20/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 07/03/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: No Update Planned

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: 05/07/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/17/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 02/20/2014
Date Made Active in Reports: 03/27/2014
Number of Days to Update: 35

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/19/2014
Next Scheduled EDR Contact: 09/01/2014
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: 05/02/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 03/04/2014
Date Data Arrived at EDR: 03/06/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 103

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/04/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Quarterly

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: 06/05/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 33

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/06/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 03/20/2014
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/10/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/04/2014
Date Data Arrived at EDR: 03/06/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 103

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/04/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
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

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

Local Land Records

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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/05/2014
Date Data Arrived at EDR: 05/06/2014
Date Made Active in Reports: 05/19/2014
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

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: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 28

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/11/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/03/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 52

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

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: 02/04/2014
Date Data Arrived at EDR: 04/29/2014
Date Made Active in Reports: 05/09/2014
Number of Days to Update: 10

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/29/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/01/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 12

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/01/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 12

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2014
Next Scheduled EDR Contact: 09/29/2014
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

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/06/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

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: 12/31/2012
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/04/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/30/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/10/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Annually

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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

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: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/06/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Semi-Annually

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: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Annually

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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Every 4 Years

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: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
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

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/29/2014
Next Scheduled EDR Contact: 08/11/2014
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: 05/06/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 10/27/2014
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: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

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: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

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: 04/08/2014
Date Data Arrived at EDR: 04/09/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 13

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/13/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

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

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
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: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Biennially

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

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/20/2014
Date Made Active in Reports: 05/28/2014
Number of Days to Update: 8

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/20/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 01/15/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/20/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/02/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 27

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
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

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: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: No Update Planned

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: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/16/2013
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Annually

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: 06/25/2014
Next Scheduled EDR Contact: 10/13/2014
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: 05/30/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 38

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
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.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/16/2013
Date Made Active in Reports: 08/26/2013
Number of Days to Update: 41

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
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: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: N/A

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: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

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

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Varies

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: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/16/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

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: 05/16/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/17/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/16/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/20/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 2

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/19/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 05/05/2014
Date Data Arrived at EDR: 05/14/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

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: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/27/2014
Date Data Arrived at EDR: 05/28/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/28/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/14/2014
Date Data Arrived at EDR: 04/15/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/15/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/11/2014
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: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/11/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

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: 05/23/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 26

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
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 US Hist Auto Stat: EDR Exclusive Historic Gas 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 US Hist Cleaners: EDR Exclusive Historic Dry 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:

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: 04/22/2014
Date Data Arrived at EDR: 04/24/2014
Date Made Active in Reports: 05/09/2014
Number of Days to Update: 15

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/30/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/22/2014
Date Data Arrived at EDR: 04/24/2014
Date Made Active in Reports: 05/12/2014
Number of Days to Update: 18

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/30/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/24/2014
Date Data Arrived at EDR: 03/24/2014
Date Made Active in Reports: 04/30/2014
Number of Days to Update: 37

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/19/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 20

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 04/03/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 26

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 05/05/2014
Date Data Arrived at EDR: 05/06/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 7

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 38

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

FRESNO COUNTY:

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: 03/31/2014
Date Data Arrived at EDR: 04/15/2014
Date Made Active in Reports: 05/01/2014
Number of Days to Update: 16

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/14/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 26

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 04/28/2014
Date Data Arrived at EDR: 04/30/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 13

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/12/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Quarterly

KINGS COUNTY:

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: 05/28/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/20/2014
Number of Days to Update: 21

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/27/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 04/22/2014
Date Data Arrived at EDR: 04/24/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 19

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/19/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/06/2013
Date Data Arrived at EDR: 01/28/2014
Date Made Active in Reports: 03/17/2014
Number of Days to Update: 48

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/02/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/21/2014
Date Data Arrived at EDR: 04/22/2014
Date Made Active in Reports: 05/19/2014
Number of Days to Update: 27

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/17/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/25/2014
Number of Days to Update: 28

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 04/23/2014
Date Data Arrived at EDR: 04/25/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 27

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/14/2014
Number of Days to Update: 46

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/13/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 32

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/14/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 06/27/2014
Number of Days to Update: 16

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 01/03/2014
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/12/2014
Number of Days to Update: 34

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/27/2014
Date Data Arrived at EDR: 05/29/2014
Date Made Active in Reports: 06/24/2014
Number of Days to Update: 26

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/27/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 06/27/2014
Number of Days to Update: 14

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 28

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 27

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/13/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 7

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2014
Next Scheduled EDR Contact: 08/28/2014
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 05/28/2014
Number of Days to Update: 13

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/14/2014
Date Made Active in Reports: 05/21/2014
Number of Days to Update: 7

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 29

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/15/2014
Date Data Arrived at EDR: 04/17/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 7

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/23/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/15/2014
Date Data Arrived at EDR: 04/17/2014
Date Made Active in Reports: 05/09/2014
Number of Days to Update: 22

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/23/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/06/2014
Date Data Arrived at EDR: 04/08/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 21

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

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: 02/06/2014
Date Data Arrived at EDR: 04/08/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 21

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 38

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/12/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

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: 06/04/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/09/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/09/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 04/10/2014
Date Data Arrived at EDR: 04/11/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 18

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/19/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 26

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/03/2014
Date Data Arrived at EDR: 04/04/2014
Date Made Active in Reports: 05/01/2014
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/16/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/17/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/13/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

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: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/23/2014
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Varies

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

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: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/12/2014
Date Data Arrived at EDR: 05/19/2014
Date Made Active in Reports: 05/28/2014
Number of Days to Update: 9

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/12/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/27/2014
Date Data Arrived at EDR: 05/28/2014
Date Made Active in Reports: 06/20/2014
Number of Days to Update: 23

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/27/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 06/20/2014
Number of Days to Update: 8

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 04/25/2014
Date Data Arrived at EDR: 04/01/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 27

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/13/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/25/2014
Date Data Arrived at EDR: 04/01/2014
Date Made Active in Reports: 05/05/2014
Number of Days to Update: 34

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/13/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 04/03/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 25

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/24/2014
Date Data Arrived at EDR: 03/24/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/16/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/13/2014
Number of Days to Update: 28

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

VENTURA COUNTY:

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: 04/28/2014
Date Data Arrived at EDR: 05/20/2014
Date Made Active in Reports: 05/27/2014
Number of Days to Update: 7

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/16/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

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: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

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: 05/16/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

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: 04/28/2014
Date Data Arrived at EDR: 04/30/2014
Date Made Active in Reports: 05/19/2014
Number of Days to Update: 19

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/06/2014
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 38

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/16/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 04/08/2014
Date Made Active in Reports: 05/05/2014
Number of Days to Update: 27

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/19/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/22/2014
Date Made Active in Reports: 06/19/2014
Number of Days to Update: 28

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 05/19/2014
Next Scheduled EDR Contact: 08/18/2014
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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/23/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
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: 05/01/2014
Date Data Arrived at EDR: 05/07/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/07/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/27/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/16/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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14833 Pacific Avenue
14833 Pacific Avenue
Baldwin Park, CA 91706

Inquiry Number: 4001689.2s
July 10, 2014

EDR Summary Radius Map Report

EDR® Environmental Data Resources Inc

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

14833 PACIFIC AVENUE
BALDWIN PARK, CA 91706

COORDINATES

Latitude (North):	34.0810000 - 34˚ 4' 51.60''
Longitude (West):	117.9535000 - 117˚ 57' 12.60''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	412026.5
UTM Y (Meters):	3771352.8
Elevation:	373 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	USGS 7.5 min quad index

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120505
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
14833 PACIFIC AVENUE
BALDWIN PARK, CA 91706

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
Reg	SAN GABRIEL VALLEY		AOCONCERN	Same	1 ft.
Reg	SAN GABRIEL VALLEY (	SUNSET & SAN BERNARD	NPL, CERCLIS, US ENG CONTROLS, ROD, PRP	Same	1 ft.
1	GAYLON FITE INSTALLA	14801 PACIFIC AVE	WIP	Lower	370, West
A2	THE SOUTHLAND CORP S	3705 PUENTE AVE	CA FID UST, SWEEPS UST	Higher	684, SSE
A3	7-ELEVEN STORE #1932	3705 PUENTE AVE	HIST UST	Higher	684, SSE
A4	7-11 #19329	3705 PUENTE AVE	HIST CORTESE, LUST	Higher	684, SSE
B5		3665 PUENTE AVE	EDR US Hist Auto Stat	Lower	833, South
B6	CALIFORNIA TARGET EN	3665 PUENTE AVE	HIST CORTESE, LUST, SWEEPS UST, LOS ANGELES CO....	Lower	833, South
B7	USA GASOLINE STATION	3665 PUENTE AVE	UST	Lower	833, South
B8	TESORO WEST COAST CO	3665 N PUENTE AVE	RCRA-SQG, FINDS	Lower	833, South
B9	RAMEREZ SHELL AUTO C	3660 N PUENTE AVE	LUST, SWEEPS UST, LOS ANGELES CO. HMS	Lower	858, South
B10		3660 PUENTE AVE	EDR US Hist Auto Stat	Lower	858, South
B11	PETROMAX	3660 PUENTE AVE	UST	Lower	858, South
B12	SYLVAN JACQUES	3660 PUENTE AVE	HIST UST	Lower	858, South
13	A-ALLOVER LOCK & SAF	14922 PACIFIC AVE	WIP	Higher	957, SSE
C14	OCCUPANT	14937 PACIFIC AVE	WIP	Higher	1186, SE
15		3727 STICHMAN AVE	EDR US Hist Cleaners	Lower	1195, West
C16	OCCUPANT	14944 PACIFIC AVE	WIP	Higher	1197, SE
17	BALDWIN PARK HIGH SC	3900 PUENTE AVE	SCH, NPDES, ENVIROSTOR	Higher	1353, NE
18	SOUTHERN PACIFIC-BAL	3925 DEPOT ST	HIST CORTESE, LUST	Higher	2321, NNW
D19	BALDWIN PARK TRANSIT	14403 EAST PACIFIC A	NPDES, HIST CORTESE	Higher	2467, NW
D20	CITY OF BALDWIN PARK	14403 PACIFIC AVE E	LUST, HIST UST, SWEEPS UST, WIP, LOS ANGELES CO....	Higher	2467, NW
E21	LA CO DEPT OF PUBLIC	14747 RAMONA BLVD E	LUST	Higher	2580, North
E22	LA CO DEPT OF PUBLIC	14747 RAMONA	HIST CORTESE	Higher	2580, North
E23	BALDWIN PARK ROAD YA	14747 E RAMONA BLVD	SWF/LF, LUST, LA Co. Site Mitigation, LOS ANGELES...	Higher	2580, North
24	BALDWIN PARK (SAN GA	COVERS PORTIONS OF C	Cortese, ENVIROSTOR	Higher	2922, NW
25	LUCKY ONE-HOUR CLEAN	4138 N. MAINE AVE.	LA Co. Site Mitigation, ENVIROSTOR	Higher	3134, NW
26	FORD SPEED PARTS SPC	4273 AUCTION AVE.	Notify 65	Higher	3497, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: A review of the NPL list, as provided by EDR, and dated 10/25/2013 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 (	***SUNSET & SAN BERNARD***	***0 - 1/8 (0.000 mi.)***	***0***	***8***

Federal CERCLIS list

CERCLIS: A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (	***SUNSET & SAN BERNARD***	***0 - 1/8 (0.000 mi.)***	***0***	***8***

Federal RCRA generators list

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2014 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
TESORO WEST COAST CO	***3665 N PUENTE AVE***	***S 1/8 - 1/4 (0.158 mi.)***	***B8***	***10***

EXECUTIVE SUMMARY

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A review of the US ENG CONTROLS list, as provided by EDR, and dated 12/17/2013 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (	***SUNSET & SAN BERNARD***	***0 - 1/8 (0.000 mi.)***	***0***	***8***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: A review of the ENVIROSTOR list, as provided by EDR, and dated 06/05/2014 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
BALDWIN PARK HIGH SC Status: Inactive - Action Required	***3900 PUENTE AVE***	***NE 1/4 - 1/2 (0.256 mi.)***	***17***	***12***
BALDWIN PARK (SAN GA Status: Active	***COVERS PORTIONS OF C***	***NW 1/2 - 1 (0.553 mi.)***	***24***	***14***
LUCKY ONE-HOUR CLEAN Status: Refer: 1248 Local Agency	***4138 N. MAINE AVE.***	***NW 1/2 - 1 (0.594 mi.)***	***25***	***14***

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: A review of the SWF/LF list, as provided by EDR, and dated 05/19/2014 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BALDWIN PARK ROAD YA	***14747 E RAMONA BLVD***	***N 1/4 - 1/2 (0.489 mi.)***	***E23***	***13***

State and tribal leaking storage tank lists

LUST: A review of the LUST list, as provided by EDR, and dated 05/01/2014 has revealed that there are 7 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
7-11 #19329 Status: Completed - Case Closed	***3705 PUENTE AVE***	***SSE 1/8 - 1/4 (0.130 mi.)***	***A4***	***9***
SOUTHERN PACIFIC-BAL	***3925 DEPOT ST***	***NNW 1/4 - 1/2 (0.440 mi.)***	***18***	***12***
CITY OF BALDWIN PARK Status: Completed - Case Closed	***14403 PACIFIC AVE E***	***NW 1/4 - 1/2 (0.467 mi.)***	***D20***	***12***
LA CO DEPT OF PUBLIC Status: Completed - Case Closed	14747 RAMONA BLVD E	N 1/4 - 1/2 (0.489 mi.)	E21	13

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BALDWIN PARK ROAD YA Status: Completed - Case Closed	***14747 E RAMONA BLVD***	***N 1/4 - 1/2 (0.489 mi.)***	***E23***	***13***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA TARGET EN Status: Completed - Case Closed	***3665 PUENTE AVE***	***S 1/8 - 1/4 (0.158 mi.)***	***B6***	***9***
RAMEREZ SHELL AUTO C Status: Completed - Case Closed	***3660 N PUENTE AVE***	***S 1/8 - 1/4 (0.162 mi.)***	***B9***	***10***

State and tribal registered storage tank lists

UST: A review of the UST list, as provided by EDR, and dated 03/17/2014 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
USA GASOLINE STATION	3665 PUENTE AVE	S 1/8 - 1/4 (0.158 mi.)	B7	9
PETROMAX	3660 PUENTE AVE	S 1/8 - 1/4 (0.162 mi.)	B11	10

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN: A review of the AOCONCERN list, as provided by EDR, and dated 03/30/2009 has revealed that there is 1 AOCONCERN site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY		0 - 1/8 (0.000 mi.)	0	8

Local Lists of Registered Storage Tanks

CA FID UST: A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE SOUTHLAND CORP S	***3705 PUENTE AVE***	***SSE 1/8 - 1/4 (0.130 mi.)***	***A2***	***8***

EXECUTIVE SUMMARY

HIST UST: 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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
7-ELEVEN STORE #1932	3705 PUENTE AVE	SSE 1/8 - 1/4 (0.130 mi.)	A3	8

Lower Elevation	Address	Direction / Distance	Map ID	Page
SYLVAN JACQUES	3660 PUENTE AVE	S 1/8 - 1/4 (0.162 mi.)	B12	11

SWEEPS UST: A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE SOUTHLAND CORP S	***3705 PUENTE AVE***	***SSE 1/8 - 1/4 (0.130 mi.)***	***A2***	***8***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA TARGET EN	***3665 PUENTE AVE***	***S 1/8 - 1/4 (0.158 mi.)***	***B6***	***9***
RAMEREZ SHELL AUTO C	***3660 N PUENTE AVE***	***S 1/8 - 1/4 (0.162 mi.)***	***B9***	***10***

Other Ascertainable Records

ROD: A review of the ROD list, as provided by EDR, and dated 11/25/2013 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 (	***SUNSET & SAN BERNARD***	***0 - 1/8 (0.000 mi.)***	***0***	***8***

HIST CORTESE: A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
7-11 #19329	***3705 PUENTE AVE***	***SSE 1/8 - 1/4 (0.130 mi.)***	***A4***	***9***
SOUTHERN PACIFIC-BAL	***3925 DEPOT ST***	***NNW 1/4 - 1/2 (0.440 mi.)***	***18***	***12***
BALDWIN PARK TRANSIT	***14403 EAST PACIFIC A***	***NW 1/4 - 1/2 (0.467 mi.)***	***D19***	***12***
LA CO DEPT OF PUBLIC	14747 RAMONA	N 1/4 - 1/2 (0.489 mi.)	E22	13

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA TARGET EN	***3665 PUENTE AVE***	***S 1/8 - 1/4 (0.158 mi.)***	***B6***	***9***

Notify 65: A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORD SPEED PARTS SPC	4273 AUCTION AVE.	N 1/2 - 1 (0.662 mi.)	26	14

WIP: A review of the WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there are 4 WIP sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A-ALLOVER LOCK & SAF Facility Status: Historical	14922 PACIFIC AVE	SSE 1/8 - 1/4 (0.181 mi.)	13	11
OCCUPANT Facility Status: Historical	14937 PACIFIC AVE	SE 1/8 - 1/4 (0.225 mi.)	C14	11
OCCUPANT Facility Status: Historical	14944 PACIFIC AVE	SE 1/8 - 1/4 (0.227 mi.)	C16	11

Lower Elevation	Address	Direction / Distance	Map ID	Page
GAYLON FITE INSTALLA Facility Status: Historical	14801 PACIFIC AVE	W 0 - 1/8 (0.070 mi.)	1	8

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 2 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	3665 PUENTE AVE	S 1/8 - 1/4 (0.158 mi.)	B5	9
Not reported	3660 PUENTE AVE	S 1/8 - 1/4 (0.162 mi.)	B10	10

EDR US Hist Cleaners: A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

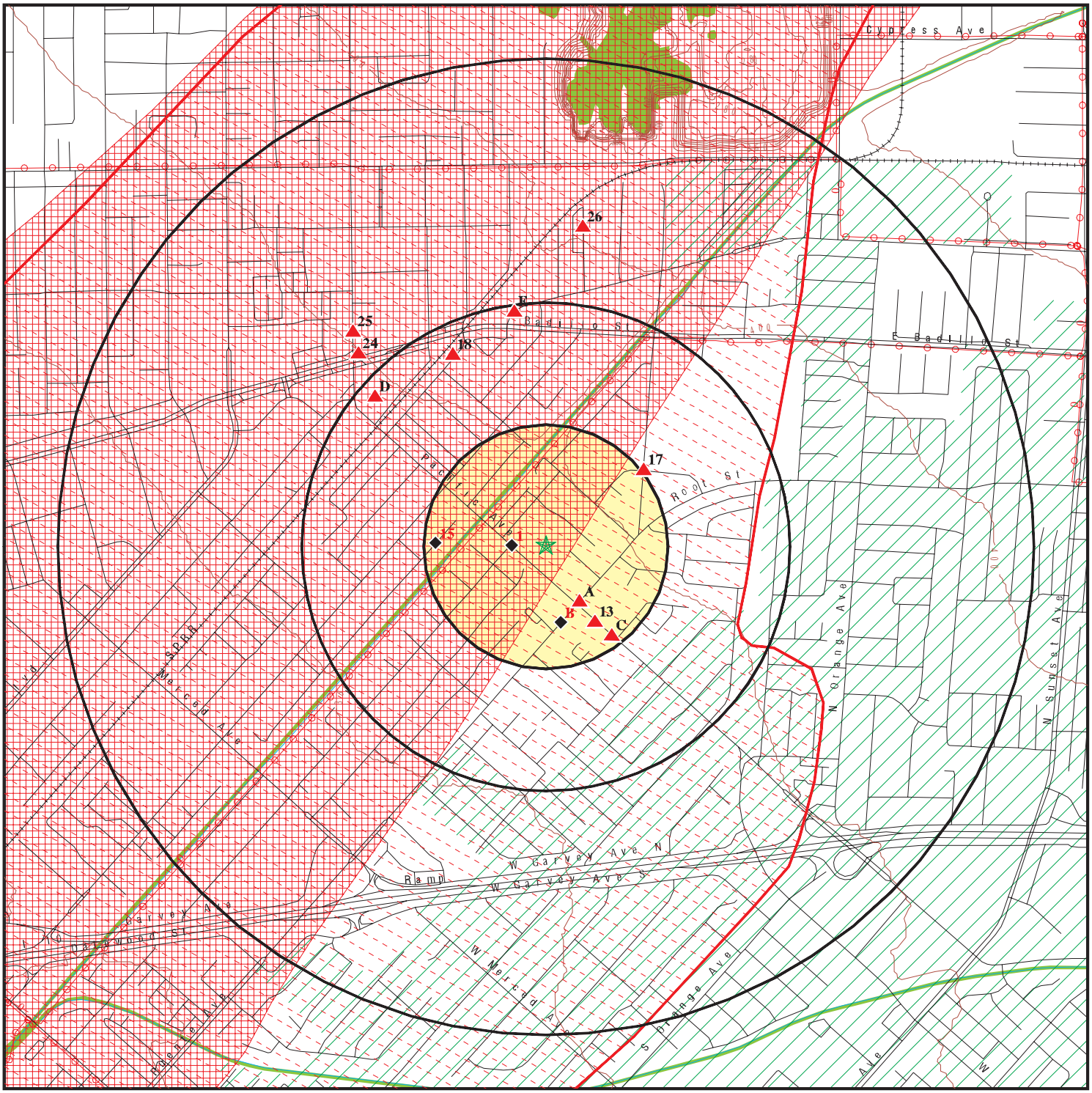
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	3727 STICHMAN AVE	W 1/8 - 1/4 (0.226 mi.)	15	11

Count: 8 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BALDWIN PARK	1004678355	CALIFORNIA TRANSPORTATION	RT 605 KM POST 32.7 33.2	91706	RCRA-SQG
BALDWIN PARK	S106932333	SO PACIFIC TRANSPORTATION	5925 DEPOT ST		SWEEPS UST
BALDWIN PARK	S101582896	SO PACIFIC TRANS CO B P YARD	3925 DEPOT ST		CA FID UST, SWEEPS UST
BALDWIN PARK	S106853269	SO PACIFIC TRANSPORTATION	4000 E RAILROAD AVE		LOS ANGELES CO. HMS
BALDWIN PARK	S106024456	SO PACIFIC TRANS CO B P YARD	3925 N RAILROAD AVE		LOS ANGELES CO. HMS
COVINA	S113000492	CACO PACIFIC CORPORATION	813 N CUMMING	91722	HAZNET
IRWINDALE	U003057077	HAROLD E. SIMPSON COMPANY	200 E. LIVE OAK AVENUE	91706	SWF/LF, LDS
IRWINDALE	S110326599	GOLDRING DUMP LANDFILL	5500 NORTH PECK ROAD	91706	SWF/LF

OVERVIEW MAP - 4001689.2s



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- 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: 14833 Pacific Avenue	CLIENT: Ecobility Corporation
ADDRESS: 14833 Pacific Avenue Baldwin Park CA 91706	CONTACT: Valerie Marshall INQUIRY #: 4001689.2s
LAT/LONG: 34.081 / 117.9535	DATE: July 10, 2014 3:48 pm

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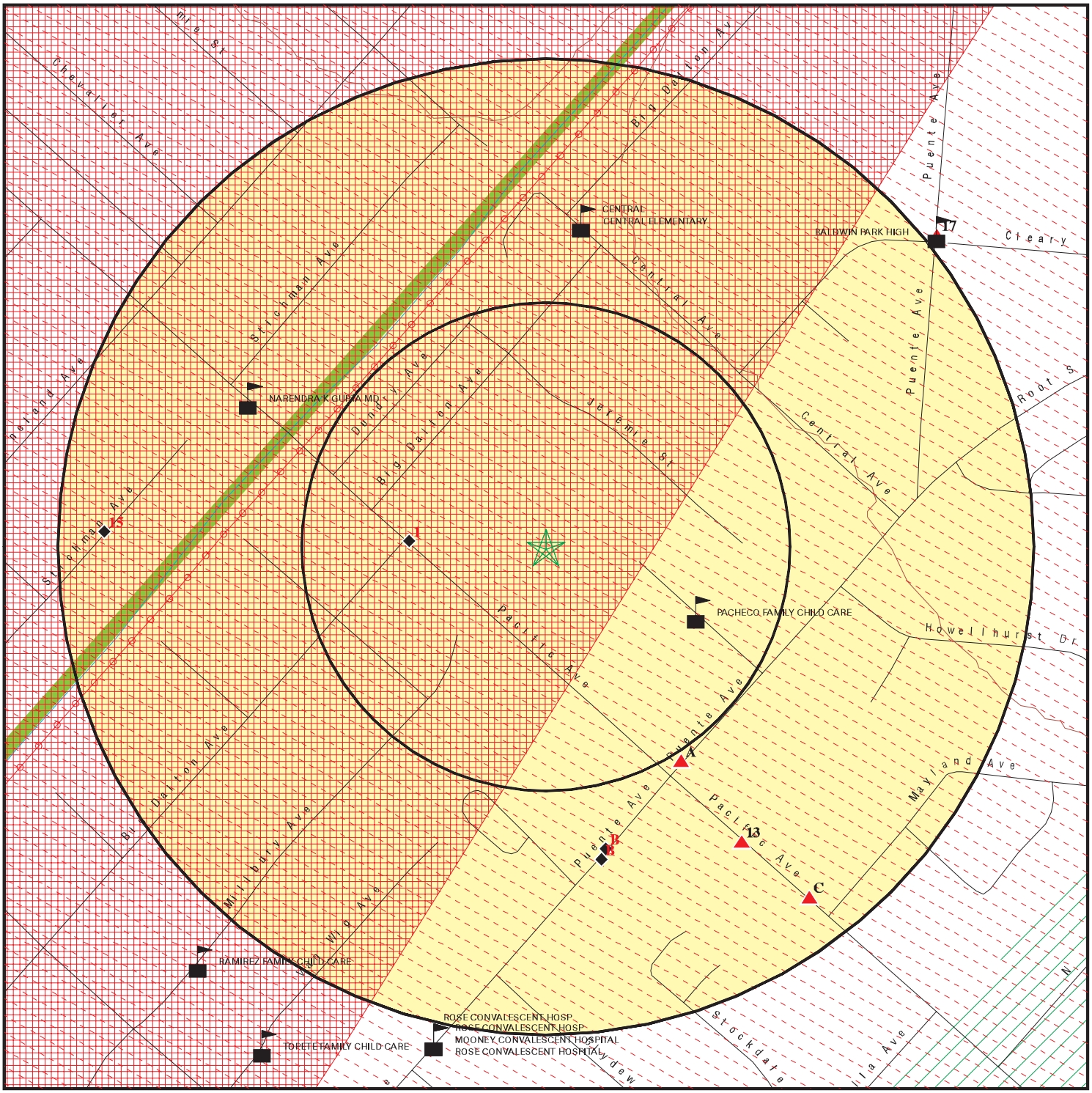
DETAIL MAP - 4001689.2s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
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ADDRESS: 14833 Pacific Avenue Baldwin Park CA 91706	CONTACT: Valerie Marshall
LAT/LONG: 34.081 / 117.9535	INQUIRY #: 4001689.2s
	DATE: July 10, 2014 3:50 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		1	0	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	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-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	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	1	2	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
LUST	0.500		0	3	4	NR	NR	7

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
SLIC	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA 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
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
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
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
AOCONCERN	1.000		1	0	0	0	NR	1
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	2	NR	NR	NR	2
SWEEPS UST	0.250		0	3	NR	NR	NR	3
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	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

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
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		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		1	0	0	0	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	2	3	NR	NR	5
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		1	3	NR	NR	NR	4
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	2	NR	NR	NR	2
EDR US Hist Cleaners	0.250		0	1	NR	NR	NR	1
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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
Areas of Concern **< 1/8** **1 ft.**	**SAN GABRIEL VALLEY** **LOS ANGELES (County), CA** **Click here for full text details**	**AOCONCERN**	**CCA0000001** **N/A**
NPL Region **< 1/8** **1 ft.**	**SAN GABRIEL VALLEY (AREA 2)** **SUNSET & SAN BERNARDINO FREEWAY** **BALDWIN PARK, CA 91706** **Click here for full text details** **NPL** EPA Id: CAD980818512 **CERCLIS** EPA Id: CAD980818512	**NPL** **CERCLIS** **US ENG CONTROLS** **ROD** **PRP**	**1000114961** **CAD980818512**
1 **West** **< 1/8** **0.070 mi.** **370 ft.** **Relative: Lower**	**GAYLON FITE INSTALLATIONS** **14801 PACIFIC AVE** **BALDWIN PARK, CA 91706** **Click here for full text details** **WIP** Facility Status: Historical	**WIP**	**S106767156** **N/A**
A2 **SSE** **1/8-1/4** **0.130 mi.** **684 ft.** **Relative: Higher**	**THE SOUTHLAND CORP SS 19329** **3705 PUENTE AVE** **BALDWIN PARK, CA** **Click here for full text details** **CA FID UST** Facility Id: 19003573 **SWEEPS UST** Status: A	**CA FID UST** **SWEEPS UST**	**S101583383** **N/A**
A3 **SSE** **1/8-1/4** **0.130 mi.** **684 ft.** **Relative: Higher**	**7-ELEVEN STORE #19329 (2132)** **3705 PUENTE AVE** **BALDWIN PARK, CA 91760** **Click here for full text details** **HIST UST** Facility Id: 00000003785	**HIST UST**	**U001569909** **N/A**

A4
SSE
1/8-1/4
0.130 mi.
684 ft.

Relative:
Higher

7-11 #19329
3705 PUENTE AVE
BALDWIN PARK, CA 91706

HIST CORTESE
LUST

S102423496
N/A

Click here for full text details

LUST
Status: Completed - Case Closed
Facility Id: I-10067
Status: Case Closed

B5
South
1/8-1/4
0.158 mi.
833 ft.

Relative:
Lower

3665 PUENTE AVE
BALDWIN PARK, CA 91706

EDR US Hist Auto Stat

1015451806
N/A

Click here for full text details

B6
South
1/8-1/4
0.158 mi.
833 ft.

Relative:
Lower

CALIFORNIA TARGET ENT #061
3665 PUENTE AVE
BALDWIN PARK, CA 91706

HIST CORTESE
LUST
SWEEPS UST
LOS ANGELES CO. HMS

S100720944
N/A

Click here for full text details

LUST
Status: Completed - Case Closed
Facility Id: I-13856
Status: Case Closed

SWEEPS UST
Status: A

LOS ANGELES CO. HMS
Facility Status: Closed
Facility Status: Removed
Facility ID: 013486-022521
Facility ID: 013486-013856
Facility ID: 013486-049726

B7
South
1/8-1/4
0.158 mi.
833 ft.

Relative:
Lower

USA GASOLINE STATION #328
3665 PUENTE AVE
BALDWIN PARK, CA 91706

UST

U004049318
N/A

Click here for full text details

UST
Facility Id: 22521

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B8 **South** **1/8-1/4** **0.158 mi.** **833 ft.** **Relative:** **Lower**	**TESORO WEST COAST COMPANY LLC 68106** **3665 N PUENTE AVE** **BALDWIN PARK, CA 91706** **Click here for full text details** **RCRA-SQG** EPA Id: CAR000144204	**RCRA-SQG** **FINDS**	**1006806017** **CAR000144204**
B9 **South** **1/8-1/4** **0.162 mi.** **858 ft.** **Relative:** **Lower**	**RAMEREZ SHELL AUTO CARE** **3660 N PUENTE AVE** **BALDWIN PARK, CA 91706** **Click here for full text details** **LUST** Status: Completed - Case Closed **SWEEPS UST** Status: A **LOS ANGELES CO. HMS** Facility Status: Removed Facility ID: 009807-026363	**LUST** **SWEEPS UST** **LOS ANGELES CO. HMS**	**S104575267** **N/A**
B10 **South** **1/8-1/4** **0.162 mi.** **858 ft.** **Relative:** **Lower**	**3660 PUENTE AVE** **BALDWIN PARK, CA 91706** **Click here for full text details**	**EDR US Hist Auto Stat**	**1015451680** **N/A**
B11 **South** **1/8-1/4** **0.162 mi.** **858 ft.** **Relative:** **Lower**	**PETROMAX** **3660 PUENTE AVE** **BALDWIN PARK, CA 91706** **Click here for full text details** **UST** Facility Id: 32627	**UST**	**U004049599** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B12 **South** **1/8-1/4** **0.162 mi.** **858 ft.** **Relative:** **Lower**	**SYLVAN JACQUES** **3660 PUENTE AVE** **BALDWIN PARK, CA 91706** **Click here for full text details** **HIST UST** Facility Id: 00000061371	**HIST UST**	**U001568815** **N/A**
13 **SSE** **1/8-1/4** **0.181 mi.** **957 ft.** **Relative:** **Higher**	**A-ALLOVER LOCK & SAFE** **14922 PACIFIC AVE** **BALDWIN PARK, CA 91706** **Click here for full text details** **WIP** Facility Status: Historical	**WIP**	**S106767157** **N/A**
C14 **SE** **1/8-1/4** **0.225 mi.** **1186 ft.** **Relative:** **Higher**	**OCCUPANT** **14937 PACIFIC AVE** **BALDWIN PARK, CA 91706** **Click here for full text details** **WIP** Facility Status: Historical	**WIP**	**S107257162** **N/A**
15 **West** **1/8-1/4** **0.226 mi.** **1195 ft.** **Relative:** **Lower**	**3727 STICHMAN AVE** **BALDWIN PARK, CA 91706** **Click here for full text details**	**EDR US Hist Cleaners**	**1015050932** **N/A**
C16 **SE** **1/8-1/4** **0.227 mi.** **1197 ft.** **Relative:** **Higher**	**OCCUPANT** **14944 PACIFIC AVE** **BALDWIN PARK, CA 91706** **Click here for full text details** **WIP** Facility Status: Historical	**WIP**	**S106767159** **N/A**

17
NE
1/4-1/2
0.256 mi.
1353 ft.

Relative:
Higher

BALDWIN PARK HIGH SCHOOL AUTO CENTER PROJECT
3900 PUENTE AVE
BALDWIN PARK, CA 91706

SCH **S107735881**
NPDES **N/A**
ENVIROSTOR

Click here for full text details

SCH
Facility Id: 19010016
Current Status: Inactive - Action Required
Status: Inactive - Action Required

NPDES
Facility Status: Terminated

ENVIROSTOR
Status: Inactive - Action Required
Facility Id: 19010016

18
NNW
1/4-1/2
0.440 mi.
2321 ft.

Relative:
Higher

SOUTHERN PACIFIC-BALDWIN PARK
3925 DEPOT ST
BALDWIN PARK, CA 91706

HIST CORTESE **S101295586**
LUST **N/A**

Click here for full text details

LUST
Facility Id: R-12358
Status: Case Closed

D19
NW
1/4-1/2
0.467 mi.
2467 ft.

Relative:
Higher

BALDWIN PARK TRANSIT CENTER PARKING STRUCTURE
14403 EAST PACIFIC AVENUE
BALDWIN PARK, CA 91706

NPDES **S104160110**
HIST CORTESE **N/A**

Click here for full text details

NPDES
Facility Status: Active

D20
NW
1/4-1/2
0.467 mi.
2467 ft.

Relative:
Higher

CITY OF BALDWIN PARK
14403 PACIFIC AVE E
BALDWIN PARK, CA 91706

LUST **U001568736**
HIST UST **N/A**
SWEEPS UST
WIP
LOS ANGELES CO. HMS
EMI

Click here for full text details

LUST
Status: Completed - Case Closed
Facility Id: R-12669
Status: Case Closed

HIST UST

CITY OF BALDWIN PARK (Continued) **U001568736**

Facility Id: 00000065284

SWEEPS UST
Status: A

WIP
Facility Status: Historical

LOS ANGELES CO. HMS
Facility Status: Permit
Facility Status: OPEN
Facility ID: 012514-012669
Facility ID: 012514-040460
Facility ID: 016979-022799

EMI
Facility Id: 48810

E21
North
1/4-1/2
0.489 mi.
2580 ft.

Relative:
Higher

LA CO DEPT OF PUBLIC WORKS **LUST** **S102432383**
14747 RAMONA BLVD E **N/A**
BALDWIN PARK, CA 91706

Click here for full text details

LUST
Status: Completed - Case Closed
Facility Id: 108.0012
Status: Case Closed

E22
North
1/4-1/2
0.489 mi.
2580 ft.

Relative:
Higher

LA CO DEPT OF PUBLIC WORK **HIST CORTESE** **S103958785**
14747 RAMONA **N/A**
BALDWIN PARK, CA 91706

Click here for full text details

E23
North
1/4-1/2
0.489 mi.
2580 ft.

Relative:
Higher

BALDWIN PARK ROAD YARD **SWF/LF** **S105964547**
14747 E RAMONA BLVD **LUST** **N/A**
BALDWIN PARK, CA 91706 **LA Co. Site Mitigation**
LOS ANGELES CO. HMS

Click here for full text details

SWF/LF
Facility ID: 19-AA-0402
Operator Status: Active
Operational Status: Active

LUST

BALDWIN PARK ROAD YARD (Continued) **S105964547**

Status: Completed - Case Closed

LA Co. Site Mitigation
Facility Id: FA0021519

LOS ANGELES CO. HMS
Facility Status: OPEN
Facility ID: 010746-055353

24
NW
1/2-1
0.553 mi.
2922 ft.

Relative:
Higher

BALDWIN PARK (SAN GABRIEL VALLEY SUPERFUND SITE)
COVERS PORTIONS OF CITIES OF AZUSA, IRWINDALE, BALDWIN PARK
BALDWIN PARK, CA 91706

Cortese **S110653116**
ENVIROSTOR **N/A**

Click here for full text details

ENVIROSTOR
Status: Active
Facility Id: 60001336

25
NW
1/2-1
0.594 mi.
3134 ft.

Relative:
Higher

LUCKY ONE-HOUR CLEANER
4138 N. MAINE AVE.
BALDWIN PARK, CA 91706

LA Co. Site Mitigation **S106843203**
ENVIROSTOR **N/A**

Click here for full text details

LA Co. Site Mitigation
Facility Id: FA0017269

ENVIROSTOR
Status: Refer: 1248 Local Agency
Facility Id: 19720030

26
North
1/2-1
0.662 mi.
3497 ft.

Relative:
Higher

FORD SPEED PARTS SPC
4273 AUCTION AVE.
BALDWIN PARK, CA 91706

Notify 65 **S100177999**
N/A

Click here for full text details

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	08/01/2009	09/10/2009	10/01/2009
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2013	02/28/2014	03/20/2014
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	02/04/2014	04/29/2014	05/09/2014
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	03/31/2014	04/02/2014	04/29/2014
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	06/09/2014	06/11/2014	07/09/2014
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	09/10/2013	09/11/2013	10/16/2013
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2012	03/25/2014	04/28/2014
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	05/30/2014	05/30/2014	07/07/2014
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	06/05/2014	06/06/2014	07/09/2014
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	05/05/2014	05/14/2014	05/22/2014
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	05/19/2014	05/20/2014	05/22/2014
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	02/18/2014	02/20/2014	03/27/2014
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2012	07/16/2013	08/26/2013
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	05/27/2014	05/28/2014	07/07/2014
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	04/14/2014	04/15/2014	04/24/2014
CA	LDS	Land Disposal Sites Listing	State Water Qualilty Control Board	05/01/2014	05/01/2014	05/13/2014
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	05/05/2014	05/06/2014	05/19/2014
CA	LUST	Geotracker's Leaking Underground Fuel Tank Report	State Water Resources Control Board	05/01/2014	05/01/2014	05/13/2014
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	MCS	Military Cleanup Sites Listing	State Water Resources Control Board	05/01/2014	05/01/2014	05/13/2014
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	05/23/2014	06/13/2014	07/09/2014
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	10/21/1993	11/01/1993	11/19/1993
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	05/19/2014	05/20/2014	05/28/2014
CA	PROC	Certified Processors Database	Department of Conservation	03/17/2014	03/18/2014	04/24/2014
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	06/05/2014	06/06/2014	07/09/2014
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	06/05/2014	06/06/2014	07/09/2014
CA	SLIC	Statewide SLIC Cases	State Water Resources Control Board	05/01/2014	05/01/2014	05/13/2014
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	05/19/2014	05/20/2014	05/22/2014
CA	SWRCY	Recycler Database	Department of Conservation	03/17/2014	03/18/2014	04/24/2014
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	01/15/2014	03/18/2014	04/24/2014
CA	UST	Active UST Facilities	SWRCB	03/17/2014	03/19/2014	04/25/2014
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	09/23/2009	09/23/2009	10/01/2009
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	06/05/2014	06/06/2014	07/09/2014
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	11/11/2011	05/18/2012	05/25/2012
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2011	02/26/2013	04/19/2013
US	CERCLIS	Comprehensive Environmental Response, Compensation, and Liab	EPA	10/25/2013	11/11/2013	02/13/2014
US	CERCLIS-NFRAP	CERCLIS No Further Remedial Action Planned	EPA	10/25/2013	11/11/2013	02/13/2014
US	COAL ASH DOE	Sleam-Electric Plan Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	08/17/2010	01/03/2011	03/21/2011
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2013	01/24/2014	02/24/2014
US	CORRACTS	Corrective Action Report	EPA	03/11/2014	03/13/2014	04/09/2014
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DELISTED NPL	National Priority List Deletions	EPA	10/25/2013	11/11/2013	01/28/2014
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations	EDR, Inc.			
US	EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/30/2013	10/01/2013	12/06/2013
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/31/2013	07/08/2013	12/06/2013
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	11/18/2013	02/27/2014	03/12/2014
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	12/31/2012	02/28/2014	04/24/2014
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/31/2013	01/03/2014	02/24/2014
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	05/06/2014	05/16/2014	06/17/2014
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	02/01/2013	05/01/2013	11/01/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	11/06/2013	11/07/2013	12/06/2013
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/24/2014	04/25/2014	06/17/2014
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	05/12/2014	05/12/2014	06/17/2014
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	09/12/2011	09/13/2011	11/11/2011
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/28/2014	05/01/2014	06/17/2014
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	08/27/2012	08/28/2012	10/16/2012
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	03/01/2013	03/01/2013	04/12/2013
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	02/01/2013	05/01/2013	01/27/2014
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/04/2014	04/08/2014	06/17/2014
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/24/2014	04/25/2014	06/17/2014
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	05/12/2014	05/12/2014	06/17/2014
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/14/2014	05/15/2014	06/17/2014
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/28/2014	05/01/2014	06/17/2014
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/07/2014	05/09/2014	06/17/2014
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	05/12/2014	05/14/2014	06/17/2014
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	03/20/2014	04/01/2014	06/17/2014
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/29/2013	02/14/2013	02/27/2013
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/18/2014	03/18/2014	04/24/2014
US	LUCIS	Land Use Control Information System	Department of the Navy	05/28/2014	05/30/2014	06/17/2014
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/22/2013	08/02/2013	11/01/2013
US	NPL	National Priority List	EPA	10/25/2013	11/11/2013	01/28/2014
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	06/01/2013	07/17/2013	11/01/2013
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	04/15/2013	07/03/2013	09/13/2013
US	Proposed NPL	Proposed National Priority List Sites	EPA	10/25/2013	11/11/2013	01/28/2014
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	04/08/2014	04/09/2014	06/17/2014
US	RCRA NonGen / NLR	RCRA - Non Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/11/2014	03/13/2014	04/09/2014
US	RMP	Risk Management Plans	Environmental Protection Agency	11/01/2013	12/12/2013	02/13/2014
US	ROD	Records Of Decision	EPA	11/25/2013	12/12/2013	02/24/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2011	07/31/2013	09/13/2013
US	TSCA	Toxic Substances Control Act	EPA	12/31/2006	09/29/2010	12/02/2010
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/23/2013	11/06/2013	12/06/2013
US	US AIRS MINOR	Air Facility System Data	EPA	10/23/2013	11/06/2013	12/06/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	03/20/2014	03/20/2014	04/09/2014
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	03/04/2014	03/06/2014	06/17/2014
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	12/17/2013	01/14/2014	01/28/2014
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	02/25/2014	02/27/2014	04/09/2014
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/04/2014	03/06/2014	06/17/2014
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	12/17/2013	01/14/2014	01/28/2014
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/01/2013	09/05/2013	10/03/2013
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/30/2013	08/19/2013	10/03/2013
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2011	07/19/2012	08/28/2012
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	05/01/2014	05/07/2014	06/10/2014
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2012	07/24/2013	08/19/2013
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2012	06/21/2013	08/05/2013
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2012	08/09/2013	09/27/2013
US	Oil/Gas Pipelines	GeoData Digital Line Graphs from 1:100,000-Scale Maps	USGS			
US	Electric Power Lines	Electric Power Transmission Line Data	Rextag Strategies Corp.			
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
CA	Daycare Centers	Sensitive Receptor: Licensed Facilities	Department of Social Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
US	USGS 7.5' Topographic Map	Scanned Digital USGS 7.5' Topographic Map (DRG)	USGS			

STREET AND ADDRESS INFORMATION

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JONATHAN E. FIELDING, M.D., M.P.H.
Director and Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

Public Health Investigation Administration
LEOLA MERCADEL
Chief, Public Health Investigation

5555 Ferguson Drive, Suite 120-04
Commerce, California 90022
TEL (323) 890-7801 • FAX (323) 728-0217

www.publichealth.lacounty.gov

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July 14, 2014

ECOBILITY CORP
VALERIE MARSHALL
PO BOX 2651
PALOS VERDES PENINSULA, CA 90274

RE: 14827, 14833 & 14839 PACIFIC AVE., BALDWIN PARK, CA 91706

I, the undersigned, being the Custodian or the Keeper of Records, certify that a thorough search for the records you requested was carried out under my direction and control.

This search revealed no records.

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 under another classification. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

If you have any questions regarding your request, please contact our office at (323) 890-7806.

Sincerely,

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

COR ID No.143929

ecobility

FAX TRANSMITTAL

DATE: July 10, 2014

NUMBER OF PAGES: 1
(Including this one)

TO: RECORDS REQUEST
COUNTY OF L.A. DEPT. PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
UST PROGRAM

FAX: (626) 458-3569

FROM: Valerie Marshall
Principal Consultant

FAX: (310) 548-7110

CUSTODIAN OF RECORDS:

I am requesting UST records, including any related permits for the following property addresses:

- **14827, 14833 and 14839 PACIFIC AVENUE, BALDWIN PARK, CA 91706**
- **15110 & 15120 BADILLO STREET, BALDWIN PARK, CA 91706**

no files found

If you have any questions, please call me at the office (310) 910-1499 or via cell phone at (310) 847-9972.

Thank you for your help.

Valerie Marshall
Ecobility Corporation

	Date 7/10	# of pages 1
To Valerie Marshall	From	
Co./Dept. ecobility	Co. LACoDPW	
Phone #	Phone # (626) 458-3517	
Fax # (310) 377-3745	Fax #	

Post Office Box 2851, Palos Verdes Peninsula, California 90274 424.212.1060 Fax 310.377.3745
www.ecobilitycorp.com

From: "Gallardo, Laura@Waterboards" <Laura.Gallardo@waterboards.ca.gov>
Subject: File Review Request/Tracking No. 2014071221
Date: July 21, 2014 3:34:40 PM PDT
To: "valerie.marshall@ecobilitycorp.com" <valerie.marshall@ecobilitycorp.com>
Cc: "Gallardo, Laura@Waterboards" <Laura.Gallardo@waterboards.ca.gov>

********* Please submit future file review requests to the LARWQCB via e-mail to RB4-publicrecords@waterboards.ca.gov.*********

Thank you for your request to review Regional Board records concerning the property on

- 14827, 14833 and 14839 Pacific Avenue, Baldwin Park, CA 91706
- 15110 Badillo Street, Baldwin Park, CA 91706

The Regional Board has reviewed its files and has concluded that it does not have any records that are responsive to your request.

Laura C. Gallardo
Associate Analyst
213.576.6636 (DIRECT)
213.576.6676 (FAX)

Public Records and Freedom of Information Act Rb4-Publicrecords@waterboards.ca.gov<mailto: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.

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Miriam Barcellona Ingenito
Acting Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Edmund G. Brown Jr.
Governor

July 11, 2014

Ms. Valerie Marshall
Ecobility
P.O. Box 2651 Palos Verdes
Peninsula, California 90274

VARIOUS SITES:
PR4-071014-6

Dear Ms. Marshall:

The Department of Toxic Substances Control has received your fax/letter to review records, under the Public Records Act.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities reference below.

SEE ATTACHED:

We would like form you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: **http://www.envirostor.dtsc.ca.gov/public**. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions, or would like further information regarding your request, Please contact our Regional Records Coordinator at: (714) 484-5336.

Sincerely,

for JB

Jone Barrio
Regional Records Coordinator
Cypress Administrative Services

brm

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ecobility

FAX TRANSMITTAL

DATE: July 10, 2014

NUMBER OF PAGES: 1
(Including this one)

TO: DTSC – CYPRESS
RECORDS REVIEW REQUEST

FROM: Valerie Marshall
Principal

FAX. (714) 484-5318

FAX: (310) 548-7110

To Whom It May Concern:

As part of a Phase I Environmental Site Assessment, I am requesting a Public Records Review for the following properties:

N/R

- 14827, 14833 and 14839 Pacific Avenue, Baldwin Park, CA 91706
- 15110 Badillo Street, Baldwin Park, CA 91706

If you have any questions, please call me at the office (310) 910-1499 or via cell phone at (310) 847-9972.

Thank you for your help.

Valerie Marshall
Ecobility Corporation

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
JUL 10 2014
DATE RECEIVED
CYPRESS OFFICE

FR4-071014-LX

Post Office Box 2581 Palos Verdes Peninsula California 90274 310 910 1499 Fax 310 377 3745
www.ecobilitycorp.com

From: "Gallardo, Laura@Waterboards" <Laura.Gallardo@waterboards.ca.gov>
Subject: File Review Request/Tracking No. 2014071507
Date: July 22, 2014 5:10:02 PM PDT
To: "valerie.marshall@ecobilitycorp.com" <valerie.marshall@ecobilitycorp.com>
Cc: "Gallardo, Laura@Waterboards" <Laura.Gallardo@waterboards.ca.gov>

********* Please submit future file review requests to the LARWQCB via e-mail to RB4-publicrecords@waterboards.ca.gov.*********

Thank you for your request to review Regional Board records concerning the property on

14827, 14833 and 14839 Pacific Avenue, Baldwin Park, CA 91706
15110 and 15120 Badillo Street, Baldwin Park, CA 91706

The Regional Board has reviewed its files and has concluded that it does not have any records that are responsive to your request.

Laura C. Gallardo
Associate Analyst
213.576.6636 (DIRECT)
213.576.6676 (FAX)

Public Records and Freedom of Information Act Rb4-Publicrecords@waterboards.ca.gov<mailto:Rb4-Publicrecords@waterboards.ca.gov>

****
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Appendix E:

QUALIFICATIONS

Valerie Marshall
Principal Environmental Scientist

PROFESSIONAL EXPERIENCE

November 2009 to Present – Ecobility Corporation – Principal Environmental Scientist
Responsible for providing direct technical oversight of advanced environmental projects including, but not limited to Phase I and Phase II ESAs of industrial, commercial and multi-family residential properties, underground storage tank and dry cleaners site investigations and remediation. Additional responsibilities include development and implementation of green building and sustainability consulting and analysis to support LEED and other green building projects.

April 1997 to November 2008 - Professional Service Industries, Inc.., Long Beach, California
1997 - 2008: Senior Environmental Engineer/Senior Technical Professional
Was technical lead for the design and implementation of various environmental investigations for projects located throughout Southern California. Additionally, as Senior Technical Professional she was responsible for the review of advanced environmental proposals and reports, and the coordination of environmental field sampling programs for project completed in Southern California. Responsibilities included direct oversight of projects including, but not limited to Phase II ESA site investigations and remediation of a wide range of soil and groundwater contaminants including petroleum products, chlorinated pesticides, heavy metals and PCBs, and Phase I ESAs of commercial, industrial, and multifamily residential properties. She was also responsible for managing an environmental contract with Caltrans for projects located in Southern California. Sites investigated encompassed a wide range of property types, including but not limited to service stations, railroad right of ways, automobile salvage yards, auto shredder facilities and dry cleaners located along freeway corridors. Soil and groundwater was assessed to delineate potential impacts to freeway development and expansion. Other responsibilities as Senior Technical Professional included mentoring environmental staff in field environmental sampling, testing, data analyses and report preparation.

2005 - 2008: Principal Consultant Western Region of PSI
Responsible for providing direct technical oversight of advanced environmental projects including, but not limited to underground storage tank and dry cleaners site investigations and remediation, Phase I and Phase II ESAs of industrial, commercial and multi-family residential properties. Additional responsibilities included providing quality control of environmental staff; reviewing Phase I and Phase II ESA, and advanced environmental proposals and reports for offices located in the Western U.S. Her responsibility was to provide direct project oversight from proposal development to design and implementation of site remediation and mitigation of contamination as part of brownfields development and regulatory compliance. Projects have included redeveloping a former plating facility, dry cleaning facilities, numerous former gasoline service stations, multifamily residential, aerospace, a former burn dump, and retail properties into multi-use properties containing commercial/retail and residential space. Contaminant issues have ranged from chlorinated pesticides used for agricultural and residential pest control, petroleum products and service stations, chlorinated solvents and dry cleaners, heavy metals and solvents related to plating and aerospace operations, and methane related to its natural occurrence in Los Angeles. Ms. Marshall managed these projects from the initial Phase I ESA through mitigation or remediation with many of these projects being overseen by the DTSC and

local regulatory jurisdictions. Work products have included Phase I ESAs, Phase II ESAs, complete site characterization, human health risk assessments, the preparation of a Property Mitigation Plan, Pesticide Management Plans, Sampling and Analysis Plans, Remedial Action Workplans, and preparation and submittal of Remedial Action Closure Reports. Ms. Marshall has worked under the Voluntary Cleanup Program and the AB389 programs with DTSC and County of San Diego, Department of Health. Ms. Marshall managed a special project from 2004 to 2008 that involved the assessment and mitigation of soil impacted with chlorinated pesticides in five naval communities located in Honolulu, Hawaii. She managed this project with a staff of 3 to 8 environmental professionals from the initial Phase I ESA through implementation of mitigation measures under the guidance of the US Navy and the State of Hawaii, Department of Health.

September 1981 to March 1997 - BKK Corporation, Torrance, CA

2/89 – 3/97: Corporate Environmental Engineer

Primary responsibility was corporate wide regulatory compliance oversight that included a closed Class I Landfill, an active Class III Landfill, an underground storage tank removal division, and a liquid hazardous waste treatment facility. Over an 8-year period she served as lead engineer on numerous petroleum underground storage tank projects that involved identifying and delineating soil and groundwater contamination and development of remediation or mitigation solutions. These projects included numerous service stations and industrial and commercial clients that involved UST compliance, release detection, delineation of soil and groundwater contamination, and the design and implementation of remediation and mitigation programs for both soil and groundwater. Ms. Marshall was involved with over a 100 of these types of projects. She designed and implemented a variety of remediation and mitigation programs including conventional excavation and disposal of impacted soil, excavation of soils and onsite treatment with vapor extraction, bioaugmentation, and fixation techniques; vapor extraction programs using activated carbon or thermal oxidation; groundwater extraction and treatment with air stripping, activated carbon and natural attenuation monitoring.

During her tenure, two she served as principal principal investigator and project manager for two significant long-term projects. These projects included the technical evaluation and permitting of a new aboveground Class I Landfill located in San Bernardino County and a new Class III Landfill located in northern Los Angeles County. Her responsibilities included the oversight of environmental consultants preparing a joint EIR/EIS and EIS for both projects and the drafting of a RCRA Part B Permit for the Class I Repository. An EIS was successfully approved for the aboveground Class I Landfill and a joint EIR/EIS was completed for a new Class III Landfill. Both projects were completed over a 4 to 7 year period. Ms. Marshall was directly responsible for coordinating the collection of biological, geologic and hydrogeologic data for inclusion in both environmental reports. Responsibilities included supervision and coordination of subconsultants, subsurface drilling and sampling of soil and groundwater, installation of a groundwater monitoring system, conducting quarterly monitoring, seismic refraction studies, and fault mapping and design and development of mitigation measures for inclusion in the environmental reports. Worked under the jurisdiction of the Los Angeles County Planning Department, CalEPA, Los Angeles Regional Water Quality Control Board, CIWMB, and the United States Forest Service.

2/81 – 2/89: Project Engineer/Senior Engineer

Responsibilities in this position were primarily regulatory compliance and management and design of remedial investigation and feasibility studies for closed Class II and III landfills located in Southern California. Ms. Marshall served as the lead Project Engineer for the assessment

and mitigation of two former Class II/III landfills (Cal Compact and Carson Dump) and a liquid hazardous waste disposal site (Basin By-Products) under the regulatory jurisdiction of the Department of Toxic Substance Control (DTSC). This included preparation of remedial investigation plans (RI), assessing baseline conditions of soil, landfill gas and groundwater quality, delineation of soil, landfill gases and groundwater contamination and the drilling and installation of groundwater and landfill gas monitoring systems. Ms. Marshall was responsible for developing and implementation of mitigation measure to prevent future exposure to buried landfill and liquid hazardous wastes. Mitigation measures included the design and installation of a landfill gas collection and treatment system and installation of an engineered landfill cap. Mitigation measures designed and implemented for the former liquid hazardous waste facility included partial removal of contaminated soil and a paved cap. As Senior Engineer she also provided regulatory permit assistance to a liquid hazardous waste recycling facility located in San Diego, California. Ms. Marshall was personally responsible for obtaining a RCRA Part B facility permit for the recycling facility through the DTSC. As Senior Engineer she also coordinated the groundwater monitoring program for a closed Class I Landfill under a RCRA Consent Order located in West Covina, California. Her responsibilities included the delineation of contamination and evaluation of migration patterns, review and evaluation of groundwater data, preparation of quarterly and annual reports for submittal to EPA and RWQCB. Worked under the jurisdiction of the US EPA, Los Angeles Regional Water Quality Control Board (RWQCB), DTSC and the California Integrated Waste Management Board (CIWMB).

EDUCATION

M.S., Environmental Engineer, University of Southern California 1983
B.S., Biology/Chemistry, University of Southern California 1979

CERTIFICATIONS/REGISTRATIONS

Registered Environmental Assessor II, #30151, 2009
Certificate, Environmental Management, University of Southern California 1981
Certified, State of California, Department of Health Services, Asbestos Analysis and Identification

Michael M. Mooradian
Principal Environmental Scientist

PROFESSIONAL EXPERIENCE

November 2009 – Present – Ecobility Corporation – Vice President & Principal Environmental Scientist
Principal Environmental Scientist and Hydrologist. Responsible for Client Programs and Projects focusing on environmental due diligence, risk assessments and remediation programs, energy use benchmarking, alternative energy recommendations, and hydrologic programs. Mr. Mooradian's role also includes principal investigator and client manager on major environmental projects including projects soil and groundwater contamination investigations, risk assessments and mitigation; brownfields redevelopment, energy programs and green construction consulting; and hydrologic studies including storm-water runoff, conservation and reuse programs, water supply development, and water resource studies. He has participated as an ASTM committee member for developing guidance for both vapor intrusion and energy benchmarking. Mr. Mooradian has provided a wide range of hydrologic services to agricultural, mining, and industrial clients across California and Arizona. He has been on the forefront of assessing risks associated with pesticides, soil-gas and vapor intrusion testing and assessments, groundwater contaminant migration, and designing and managing remediation programs for sites with soil and/or groundwater contamination. Mr. Mooradian complements his technical expertise with his experience in commercial real estate and business management to provide clients with a pragmatic approach in developing environmental solutions.

August 2008 – November 2009 – Private Consulting
Providing business and technical consulting for various companies including conducting environmental site assessments for property transactions, strategic planning with Client teams regarding environmental conditions and their mitigation to minimize impacts to future property development. In addition, over the past year he has provided my services to a major environmental data provider in the development of online training for environmental professionals across the United States; provided technical consultation to public groups regarding potential impacts from a historic landfill in the Los Angeles area; and regular participation as a task force member for ASTM in developing "green" building and energy procedures for complying with new climate and energy regulations. Much of his work focused on providing consultation to both residential and commercial developers on the financial impacts of environmental conditions and guidance on streamlining regulatory processes to obtain development approvals.

July 1995 - August 2008 – Professional Service Industries, Inc.
Senior Vice President/Principal in Charge of Advanced Environmental Services. Top environmental position within PSI responsible for strategic planning, fee growth, technical advancement, business development, recruiting, and staff development across the United States. During his tenure, Mr. Mooradian was also responsible for all (18 profit centers) operations including environmental due diligence services, advanced environmental, industrial hygiene, geotechnical, facilities, and construction materials testing and inspection services in California, Arizona, and Hawaii.
Contributions include:

- Client and Program manager for key clients including U.S. Navy, Caltrans, mixed-use developers, municipalities, lenders, and industrial on properties that included transportation, military housing, mixed-use commercial/residential, programs, brownfield redevelopment, and manufacturing facilities.
- Designed and conducted environmental assessments, human health risk assessments,

and mitigation measures and numerous unique projects including chlorinated solvent plumes in groundwater, chlordane and other chlorinated pesticide conditions in residential areas, arsenic mitigation in soils, petroleum spills from fueling stations and pipelines, and vapor intrusion from chlorinated solvents from dry cleaners to manufacturing.

- Provided Clients with consultation regarding compliance programs and permitting including the preparation of Storm Water Pollution Plans, Pesticide Management Plans, Spill Pollution
- Strategic planning and budget development for services across the United States including projected revenues and expenses on a monthly basis used to establish targets for individual operations.
- Successfully entered PSI into the Military Privatization market through Client relationships including being awarded five military communities near Pearl Harbor, Hawaii. Served as program manager and principal investigator for environmental conditions on military housing projects in Hawaii, Utah, Alabama, and Illinois.
- Fee Growth of the service line by an additional 30% and recognition as the highest growth service line during the company's most profitable year in 2006,
- Restructuring of the Company's Quality of Service Program for environmental projects,
- Comprehensive Client Awareness and Staff Training Program for the 2005 implementation of EPA's All Appropriate Inquiries Rule and the new ASTM E 1527-05 standard for environmental due diligence projects,
- Program and market development of vapor intrusion services at PSI,
- Establishment of project authorization protocols for remediation projects using contractual, technical, financial, and liability criteria.

1984-1995 – GeoResearch/GEOTEST, Long Beach, CA.

President – founded company as an environmental consulting firm focused on providing clients with solutions to their environmental concerns rapidly and cost efficiently. The company provided services to private, public, and military clients concerned about environmental due diligence, regulatory compliance, and health risk due to natural and man imposed conditions in soil and groundwater. The company expanded to include California accredited laboratories marketed to competitor consulting firms under the GEOTEST brand. With a staff of over 100 the company became a leading consultant to major oil companies, the U.S. Navy, the Port of Long Beach, Caltrans, aerospace manufacturing and other industrial clients, along with disposal facilities, major oil companies, and commercial clients. Responsible for strategic leadership including technical expert, staff recruiting and mentoring, business development, finance, and the profit and loss of the company. Established and maintained offices in Hayward, San Luis Obispo, Fresno, Honolulu, San Diego, and headquartered in Long Beach, California. Major contributions include:

- Developing the infrastructure of human resources, accounting, purchasing, contracting, and legal review to develop a company of this size,
- Developed the first and largest fleet of mobile laboratories in California serving the entire state from a central dispatch point,
- Secured financing for the growth of the firm,
- Growing the firm to fees of over $10 million annually,
- Established a repeat client based of both government and fortune 500 companies.

1980-1984 - Fugro/Earth Technology Corporation, Long Beach, CA.

Project Groundwater Hydrologist – Fugro/Earth Technology, a large national company, was a geotechnical firm specializing in large civil and military projects providing engineering, geology, and hydrology services. Served as primary investigator and project manager on a number of

large-scale hydrologic projects in the western United States. Served as lead investigator and troubleshooter for projects across the United States. Responsibilities included technical design and implementation, Client development, and project profitability. Contributions in this position were largely project related and included:

- Project hydrologist in charge of aquifer tests to assess groundwater supplies for the construction and operation of the MX Missile System in Utah and Nevada
- Groundwater modeling team member mapping groundwater conditions associated with storing high-level radioactive wastes in salt dome repositories in Mississippi, Louisiana, and east Texas
- Project Hydrologist in charge of design and construction supervision of high capacity water supply wells in the Oxnard Plain for both municipal and agricultural use
- Project Manager and Principal Investigator for assessing the groundwater basin, including developing a water budget, for the Santa Clara River to assess the impacts of sand and gravel mining Special Use and Conditional Use Permits on water supplies
- Project Hydrologist during the construction of the Palo Verde Nuclear Power Plant.
- Project Hydrogeologist for the preparation and first State of Wyoming approval for a new coal mine in the state.

EDUCATION

Master of Science in Hydrology, University of Arizona, 1983
Master of Science in Environmental Health, California State University, Fresno, 1979
Bachelor of Arts in Psychology, University of California, Los Angeles, 1976

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

Course Facilitator for Environmental Data Resources Inc.'s Environmental Due Diligence Course 101 – since 2009
Leadership in Energy and Environmental Design (LEED) Accredited Professional, 2009.
Professional Geologist, #861, North Carolina, 1987
Registered Environmental Assessor I & II, #00213, California, 1987
Responsible Managing Officer qualifying Ecobility Corporation for California Contractor's A and California Contractor's License, A, C57, HAZ classifications
Underground Storage Tank (UST) Qualified, #C240-5617, Colorado, 1999

AFFILIATIONS/MEMBERSHIP

2010 Environmental Committee Member for the City of Rolling Hills Estates, CA.
2009-2010 Board of Directors American Council of Engineering Companies (ACEC) – California, Los Angeles Chapter,
2009 Committee Member ASTM on Green Energy Due Diligence
2008 to present – Advisory Committee for the Department of Geological Sciences, California State University, Long Beach,
1980 to Present Member Association of Groundwater Scientists/Engineers (AGSE),
1990 to Present Department Advisory Committee, University of Arizona, Department of Hydrology,
2006 to 2008 Committee Member ASTM Committee on Vapor Intrusion,
2007 to Present Director American Council of Engineering Consultants (ACEC) - Los Angeles,
2005 to 2007 Past President, American Council of Engineering Consultants (ACEC) - Los Angeles Chapter,
1980 to 1983 Past Director of the Southwest for the American Water Resources Association.

PUBLICATIONS

Mooradian, Michael, "The Impact of Urban Runoff: Assessment of the Potential for Groundwater

Pollution as a Result of Urban Runoff in the Tucson Area," Pima Association of Governments, 208 Project, 1980.
Mooradian, Michael, "Landfill Leachate and Groundwater Quality Analysis: El Camino del Cerro Landfill," Pima Association of Governments, 208 Project, 1980.
Mooradian, Michael, "Landfill Leachate and Groundwater Quality Analysis: Ina Road Landfill," Pima Association of Governments, 208 Project, 1980.
Mooradian, Michael, "Feasibility of Artificial Recharge in the Salt River Valley," Groundwater Recharge Symposium, Salt River Project, 1978.

Representative Phase I and II Environmental Site Assessment Project Experience

- McDonald's Corporation; Multiple Sites, California - Project manager for routine environmental and geotechnical assessments for scheduled property acquisition and development. Responsibilities include subsurface investigations to determine presence of likely contaminants, foundation studies, negotiations with owners and regulatory agencies, and general consulting services. Also provided consultation services as a third party reviewer of environmental assessments provided by sellers to client.
- Bank of America NA; Multiple Sites, California - Project manager for Phase I environmental site assessments (ESAs) and asbestos surveys as well as development of O&M plans. Quality services on over 100 sites throughout California. The ESA includes site reconnaissance, agency review, public records review including, but not limited to, NPL and FINDS listings, LUST and SWIS sites, and RWQCB and local health department agency listings, aerial photograph interpretation and report preparation.
- Archon Group; Multiple Sites – Client and program manager for environmental services provided to this major financial lending group. Responsibilities included Phase I and II ESAs, industrial hygiene (IH), and asbestos services for company owned and supported properties. PSI is an integral part of the Archon Acquisition and Disclosure team providing environmental services and consultation throughout the due diligence process. In responsible charge of this client since 1997, providing services for well over 500 properties.
- Hawaii Military Communities, LLC, Environmental Assessment and Property Condition Assessment Five Naval Housing Developments; Honolulu, Hawaii - Project director responsible for the environmental assessment of a $287,000,000 naval housing privatization project of five naval communities consisting of over 1,000 structures. Managed Phase I and II ESAs of multiple contaminants including petroleum and various chlorinated pesticides. An additional subsurface soil investigation for chlorinated pesticides and the development of a health risk assessment in accordance with EPA Superfund Guidance on Soil Screening Levels for these contaminants was conducted in support of a mitigation plan. Also directed asbestos surveys, lead-based paint (LBP) inspections, and risk assessments in accordance with the Code of Federal Regulations. Other services provided included mold surveys, property condition assessments (PCAs), and the preparation of SPCC, stormwater, hazardous material management, and pesticide application plans.

Representative Petroleum Project Experience

- US Department of Navy, Southwest Division; California, Arizona, and Nevada - Project manager for services related to environmental compliance of underground storage tank (UST) facilities with federal, state, and local regulations. These services include preparing tank operational plans, tank closure plans, conducting tank integrity tests, determining the stored contents in tanks, designing and installing leak detection systems, removing USTs, conducting subsurface remedial investigations, developing remedial alternatives, and preparing feasibility studies on naval facilities including but not limited to, hospitals, shipyards, stations, air bases, and marine camps. Investigated contamination problems related to USTs on more than 50 Department of Defense (DOD) facilities.
- Port of Long Beach; Long Beach, California - Project director responsible for USTs owned and operated by the Port and its designated tenants, brought 35 facilities into compliance. Projects included development of hazardous materials management plan, site investigations and remediation, tank removal, preparation of tank removal specifications and new tank installation. Remediation projects included excavation of contaminated soil, off-site disposal, onsite aeration and biodegradation, and free product recovery.
- Unocal; Sites throughout California - Project director of services to provide environmental services throughout California for the past six years. Projects included Phase I and II ESAs, soil and groundwater investigations, feasibility studies, and design, construction and

implementation of remediation programs. Services provided included: agency liaison, compliance programs, preparation of work plans, permitting, supervision of field operations including soil sampling, hydropunch sampling, soil gas testing, installation of vadose zone monitoring wells, and preparation of final report for client and regulatory agencies to satisfy monitoring requirements for existing facilities.

- BKK Landfill; West Covina, California - Project manager responsible for testing suitability of sewer sludge for daily cover. Included an assessment of the geotechnical suitability of the material as well as the flammability and the potential for environmental hazards including vector attraction of the cover material. Collected physical soil samples, completed field infiltration tests, monitored odor release, and completed vector analysis. The investigation was completed on four cells containing various percentages of the treated sewage sludges. A final report was prepared following guidelines set forth in Title 14 of the CFR.

Representative Hazardous Waste Project Experience

- Parker Hannifin Corporation; Irvine, California - Project manager responsible for an extensive soil and groundwater investigation at this high-tech manufacturing facility for the aerospace industry to determine the vertical and lateral extent of contamination from chlorinated solvents, as well as potential sources of this contamination.
- Sequa, Jet Services West; San Diego, California - Project manager for Phase a I ESA which indicated illegal dumping had occurred on the property. A subsurface investigation was conducted to delineate the vertical and lateral extent of contamination. A remedial action plan was designed and implemented.
- Glenfed Corporation; Confidential Site, California - Project manager responsible for a historical data search, interviews with previous owners, subsurface testing for heavy metals, chlorinated solvents, and PCBs. In addition, asbestos testing and removal was performed on building materials in the early stages of the project. About 50 drums containing various quantities of unknown materials were left on the property. As a result, an extensive drum sampling and removal program was conducted prior to beginning the field investigation. The third phase of this project included extensive wrapping of the subsurface for TPH, phenol, and PCB contamination. An investigative remediation plan which included excavation of the contaminated material, onsite segregation using a mobile laboratory, and final transportation and disposal at a licensed facility was prepared and implemented.
- Sequa, Jet Services West; San Diego, California - Project manager responsible for a Phase I property assessment and industrial audit to determine the disposition of a major jet engine manufacturing company pending acquisition. The audit identified several safety and regulatory compliance violations. Illegal disposal of hazardous waste on the site was also identified. Working closely with the potential buyer, the type of waste was identified (which included heavy metals, PCBs, chlorinated solvents, and pentachlorophenols) and the extent of the contamination was determined through drilling borings and conducting surface investigations. A remediation program was designed and implemented. The contaminated soil was excavated and segregated with the use of a mobile laboratory into nonhazardous, hazardous, and extremely hazardous stockpiles for transport to the appropriate disposal facilities.

Representative Regulatory Compliance Audit Project Experience

- Gamma-F Corporation; Torrance, California - Project manager for a toxic organics management plan for a wastewater treatment system per county sanitation requirements. Conducted employee hazardous materials training and prepared a hazardous communication program. Also prepared air toxics “Hot Spots” emissions inventory plan and inventory report in accordance with AB 2588.
- Besteel Corporation; California - Project manager responsible for a stormwater discharge

notice of intent under the statewide general permit and for preparing their stormwater pollution prevention plan and monitoring plan.

- Besteel Corporation; California - Project manager responsible for developing and completed an air toxics “Hot Spots” emission inventory plan in accordance with AB 2588, and a trip reduction plan in accordance with the South Coast Air Quality Management District’s Regulation XV.
- Legoland; Carlsbad, California – Principal consultant responsible for the development and implementation of a stormwater management compliance program. Project included preparing a stormwater pollution prevention plan for the entire park along with identifying appropriate engineering best management practices to achieve compliance in a cost effective manner. Project responsibilities included working closely with the park’s operations and both state and local regulatory agencies.

Representative Expert Witness/Litigation Project Experience

- Superior Court of Long Beach; Long Beach, California - Project manager for expert testimony on the source and extent of TCE contamination generated by a tenant and impacting the Long Beach Airport.
- Paul K. Fine, Applied Consultants; San Diego, California - Project manager for expert testimony on the work performed by another environmental consultant for an automobile garage on the effectiveness of a remediation program addressing soil/groundwater contamination from petroleum hydrocarbon/floating product removal.

Representative Other Hydrologic Assessment Project Experience

- Phoenix Urban Study, Salt River Valley; Phoenix, Arizona - Project manager responsible for coordination and contribution to the study plan for an artificial recharge demonstration project. Duties included extensive interviews and data collection from various local, state, and federal agencies involved in water resources in the Salt River Valley as well as formulating conclusions on the hydrologic and environmental feasibility of artificially recharging the groundwater regime in this region.
- Arizona Public Service; Yuma, Arizona - Project manager responsible for design of a groundwater monitoring program in compliance with a RCRA Part B applicant for an electric generation facility. Also implemented and operated the program.
- Arizona Public Service; Yuma, Arizona – As a project manager, conducted RCRA closure on two impoundments at the facility. Services included verification sampling and post closure monitoring.
- Palo Verde Nuclear Power Plant; Palo Verde, Arizona - Project hydrogeologist responsible for designing an emergency groundwater recovery system to supply cool down ware in case of a major catastrophe.
- Northern Energy Resources Corporation (NERCO); Wyoming - Principal investigator in the preparation of the first permitted mine in Wyoming. The program included conducting an alluvial valley floor study, baseline hydrologic assessment, the preparation of a mine plan, and a reclamation plan for the Antelope Mine outside of Douglas, Wyoming. The coal seams (Wyodak) were the shallow aquifers in the region separated by over, inter, and underburden materials.
- Jim Bridger Mine; Wyoming - Principal investigator responsible for analyzing aquifer test data of this mine on the great divide. Analysis included determining storage and transmissive properties of the coal seams that were subsequently used in determining groundwater inflow into the mine and subsequently used to design a dewatering program.
- Spring Creek Mine; Montana - Principal hydrologic investigator to assess groundwater conditions at a coal mine. Through conducting a number of long term pump tests and slug

tests, prepared a groundwater assessment of the mine and surrounding area and subsequently designed a dewatering program to manage groundwater during mining operations.

Representative Storm Water Management and Urban Runoff Project Experience

- Hawaii Military Communities, LLC, Storm Water Management, Environmental Assessment and Property Condition Assessment Five Naval Housing Developments; Honolulu, Hawaii – Project Director responsible for the technical oversight of an environmental assessment of a $287,000,000 naval housing privatization project of five naval communities consisting of over 1,000 structures located on over 200 acres of property. Developed and coordinated storm water management and pollution prevention plans that included multiple contaminants including petroleum and various chlorinated pesticides.
- Legoland, Carlsbad, CA. – Principal consultant responsible for the development and implementation of a storm water management compliance program. Project included preparing a storm water pollution prevention plan for the entire park along with identifying appropriate engineering best management practices to achieve compliance in a cost effective manner. Project responsibilities included working closely with the park's operations and both state and local regulatory agencies.
- Strata Project, San Diego, CA, - Design and implementation of storm water pollution prevention plan for the construction of a 22-story mixed-use commercial/residential high rise. Services included: oversight of BMPs including: temporary soil stabilization, sediment control, vehicle/equipment cleaning and fueling, material delivery and storage, contaminated soil management, employee and subcontractor training and site management. Provide consulting on compliance issues.
- Mixed Use Development, West Hollywood, CA – As part of an environmental assessment and remedial action a storm water management plan was developed for a mixed-use property that is currently a plating company.
- Redstone Arsenal, Huntsville, Alabama – Designed and implemented a storm water management plan during the phased re-construction of six (6) residential military communities. Responsibilities included: development of BMPs, oversight of maintenance, inspection and repair of construction site BMPs, and consulting on regulatory compliance issues.
- Centex Homes, Inc., - San Antonio, Texas – Principal consultant responsible for reviewing numerous storm water management plans for the construction of residential subdivisions throughout the state of Texas.

Representative Energy and Mining Project Experience

- Arizona Public Service; Yuma, Arizona - Project manager responsible for design of a groundwater monitoring program in compliance with a RCRA Part B applicant for an electric generation facility. Also implemented and operated the program.
- Arizona Public Service; Yuma, Arizona – As project manager conducted RCRA closure on two impoundments at the facility. Services included verification sampling and post closure monitoring.
- Palo Verde Nuclear Power Plant; Palo Verde, Arizona - Project hydrogeologist responsible for designing an emergency groundwater recovery system to supply cool down ware in case of a major catastrophe.
- Northern Energy Resources Corporation (NERCO) - Principal investigator in the preparation of the first permitted mine in Wyoming. The program included conducting an alluvial valley floor study, baseline hydrologic assessment, preparation of a mine plan, and a reclamation plan for the Antelope Mine outside of Douglas, Wyoming. The coal seams (Wyodak) were

the shallow aquifers in the region separated by over, inter, and underburden materials.

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- Spring Creek Mine; Montana - Principal hydrologic investigator to assess groundwater conditions at a coal mine. Through conducting a number of long term pump tests and slug tests, prepared a groundwater assessment of the mine and surrounding area and subsequently designed a dewatering program to manage groundwater during mining operations.

Representative Landfill Project Experience

- BKK Landfill; West Covina, California - Project manager for testing suitability of sewer sludge for daily cover. Included an assessment of the geotechnical suitability of the material as well as the flammability and the potential for environmental hazards including vector attraction of the cover material. Collected physical soil samples, completed field infiltration tests, monitored odor release, and completed vector analysis. The investigation was completed on four cells containing various percentages of the treated sewage sludges. A final report was prepared following guidelines set forth in Title 14 of the CFR.
- Ina Road Landfill; Tucson, Arizona - Designed and installed the first groundwater monitoring program for an active landfill in Arizona. The program included installing over 15 groundwater monitoring wells along the Santa Cruz River. Assessed the impacts of leachate generation from this municipal landfill on groundwater and surface water quality.
- Landfill along the Santa Cruz River; Tucson, Arizona - Conducted a groundwater assessment of an abandoned landfill. The landfill was previously used for municipal waste and sewage sludge. The assessment included sampling analysis of streamflow along the adjacent Santa Cruz River as well as from established monitoring wells and water supply wells down gradient from the landfill. The study included assessing heavy metal concentrations and attenuation in various soil types.
- BKK Landfill, Sports Park and Golf Course; West Covina, California - Project manager responsible for assessing and developing mitigation solutions for the development of portions of the landfill in as a sports park and golf course. Project included both the environmental and geotechnical aspects of the development and focused on storm water runoff, settlement, and biological impacts that may occur during development and operation.

Representative Transportation Project Experience

- California Department of Transportation (Caltrans); Los Angeles, California - Client Manager for eight separate indefinite delivery blanket type contracts for the past eight to ten years providing services related to hazardous waste management, emergency response, UST removals, environmental assessments, aerial lead surveys, soil and groundwater investigations throughout the state of California. Projects have included high profile MTBE studies in drinking water, contaminant transport assessment as a result of continuous dewatering along the 105 freeway in Los Angeles, lead concentrations in soil as a result of vehicle exhaust, lead studies associated with paints on the Oakland Bay Bridge, and countless property assessments as a result of right-away acquisitions and development.
- Louisiana Department of Transportation, Port of New Orleans; Louisiana - Senior technical professional on an environmental impact project (NEPA) for a new transportation corridor from I-10 to the Port of New Orleans.
- Metropolitan Transit Authority (MTA), Green Line/Red Line; Los Angeles, California - Project director for analytical services for various light rail projects. Responsibilities included coordinating onsite and conventional analytical services to identify potential hazardous

materials that may be identified during site clearance and construction.

- John Wayne Airport, Long Beach Airport, and Vacaville; California - Principal investigator on soil and groundwater contamination projects on airfields including FOBs, TCE spills, and tank investigations.

Appendix F:

ADDITIONAL DOCUMENTATION

USER QUESTIONNAIRE 1 OF 2

Pursuant to ASTM E 1527-13 Appendix X.3, in order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments), the user must provide the following information (if available) to the environmental professional. Failure to provide the information could result in a determination that "all appropriate inquiry" is not complete. This form represents a type of interview and as such, the user has an obligation to answer all questions in good faith, to the extent of his or her actual knowledge.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   ☒ No ☐ Yes If yes, please explain.

2. Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?
   ☒ No ☐ Yes If yes, please explain.

3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
   ☒ No ☐ Yes If yes, please explain.

4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?
   ☒ No ☐ Yes If yes, please explain.

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user: (a) Do you know of the past uses of the property?, (b) Do you know of specific chemicals that are present or were once present at the property?, (c) Do you know of spills or other chemical releases that have taken place at the property?; (d) Do you know of any environmental cleanups that have taken place at the property?
   ☒ No ☐ Yes If yes, please explain.

6. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?
   ☒ No ☐ Yes If yes, please explain.

Post Office Box 2651, Palos Verdes Peninsula, California 90274 Phone 310 910 1499 Fax 310 377.3745
www.ecobilitycorp.com

USER QUESTIONNAIRE 2 OF 2

Proceedings Involving the Property

Pursuant to ASTM E 1527-13 §10.9, as the user of this ESA do you know of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

☒ No ☐ Yes If yes, please explain.

Helpful Documents Checklist

Pursuant to ASTM E 1527-13 §10.8, do you know whether any of the following documents exist related to the subject properties, and if so, whether copies can and will be provided to Ecobility for review? Check all that apply.

- ☐ Environmental site assessment reports
- ☐ Environmental compliance audit reports
- ☐ Environmental permits (for example solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
- ☐ Registrations for above or underground storage tanks
- ☐ Registration for underground injection systems
- ☐ Material safety data sheets
- ☐ Community right-to-know plan
- ☐ Risk assessments
- ☐ Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control (SPCC) plans; etc.
- ☐ Reports regarding hydrogeologic conditions on the property or surrounding area
- ☐ Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- ☐ Hazardous waste generation notices or reports
- ☐ Geotechnical studies
- ☐ Recorded activity and land use limitations (AULs)

ALAN LEE, MEGA S PARTNERS INC President

Name (Authorized User Representative) Title

Signature Date 7/7/14

Please return this form along with the signed and completed Proposal Authorization & Payment Instructions and Contact Information forms, all of which are a part of this proposal, to Ecobility as your authorization to begin work on this project.

Post Office Box 2651, Palos Verdes Peninsula, California, 90274 Phone 310.910.1499 Fax 310.377.3745
www.ecobilitycorp.com

USER QUESTIONNAIRE 1 OF 2

Pursuant to ASTM E 1527-13 Appendix X.3, in order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments), the user must provide the following information (if available) to the environmental professional. Failure to provide the information could result in a determination that "all appropriate inquiry" is not complete. This form represents a type of interview and as such, the user has an obligation to answer all questions in good faith, to the extent of his or her actual knowledge.

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3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
   ☒ No ☐ Yes If yes, please explain.

4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?
   ☒ No ☐ Yes If yes, please explain.

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   ☒ No ☐ Yes If yes, please explain.

6. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?
   ☒ No ☐ Yes If yes, please explain.

USER QUESTIONNAIRE 2 OF 2

Proceedings Involving the Property

Pursuant to ASTM E 1527-13 §10.9, as the user of this ESA do you know of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

☒ No ☐ Yes If yes, please explain.

Helpful Documents Checklist

Pursuant to ASTM E 1527-13 §10.8, do you know whether any of the following documents exist related to the subject properties, and if so, whether copies can and will be provided to Ecobility for review? Check all that apply.

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- ☐ Registrations for above or underground storage tanks
- ☐ Registration for underground injection systems
- ☐ Material safety data sheets
- ☐ Community right-to-know plan
- ☐ Risk assessments
- ☐ Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control (SPCC) plans; etc.
- ☐ Reports regarding hydrogeologic conditions on the property or surrounding area
- ☐ Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- ☐ Hazardous waste generation notices or reports
- ☐ Geotechnical studies
- ☐ Recorded activity and land use limitations (AULs)

Roger K. Lui *** — Name (Authorized User Representative)

Vice President — Title

Signature

7/21/14 — Date

Please return this form along with the signed and completed Proposal Authorization & Payment Instructions and Contact Information forms, all of which are a part of this proposal, to Ecobility as your authorization to begin work on this project.

*** Mr. Lui signed the Questionnaire on behalf of Ms. Belinda Lester, Administrator of the Estate of Clarence Orlo Lesperance, owner of the property.

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Appendix E
Noise Data

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Site Number: Site 1			
Recorded By: Jessica Ditto			
Job Number: 151895			
Date: 2/24/2016			
Time: 1:40 p.m.			
Location: Jeremie Street			
Source of Peak Noise: Landscaping and people talking			
Noise Data			
Leq (dB)	**Lmin (dB)**	**Lmax (dB)**	**Peak (dB)**
56.7	34.4	71.0	72.0

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Brüel & Kjær**	**2250**	**2548189**	**1/4/2016**	
	Microphone	**Brüel & Kjær**	**4189**	**2543364**	**1/4/2016**	
	Preamp	**Brüel & Kjær**	**ZC 0032**	**4265**	**1/4/2016**	
	Calibrator	**Brüel & Kjær**	**4231**	**2545667**	**1/4/2016**	

Weather Data			
Est.	**Duration:** 10 minutes	**Sky:** ☼ Sunny	
	Note: dBA Offset = 0.01	**Sensor Height (ft):** 5 ft	
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (hPa)**
	< 5	82	30.01

Photo of Measurement Location

2250

Instrument:		2250
Application:		BZ7225 Version 4.4
Start Time:		02/24/2016 13:40:47
End Time:		02/24/2016 13:50:47
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		138.70

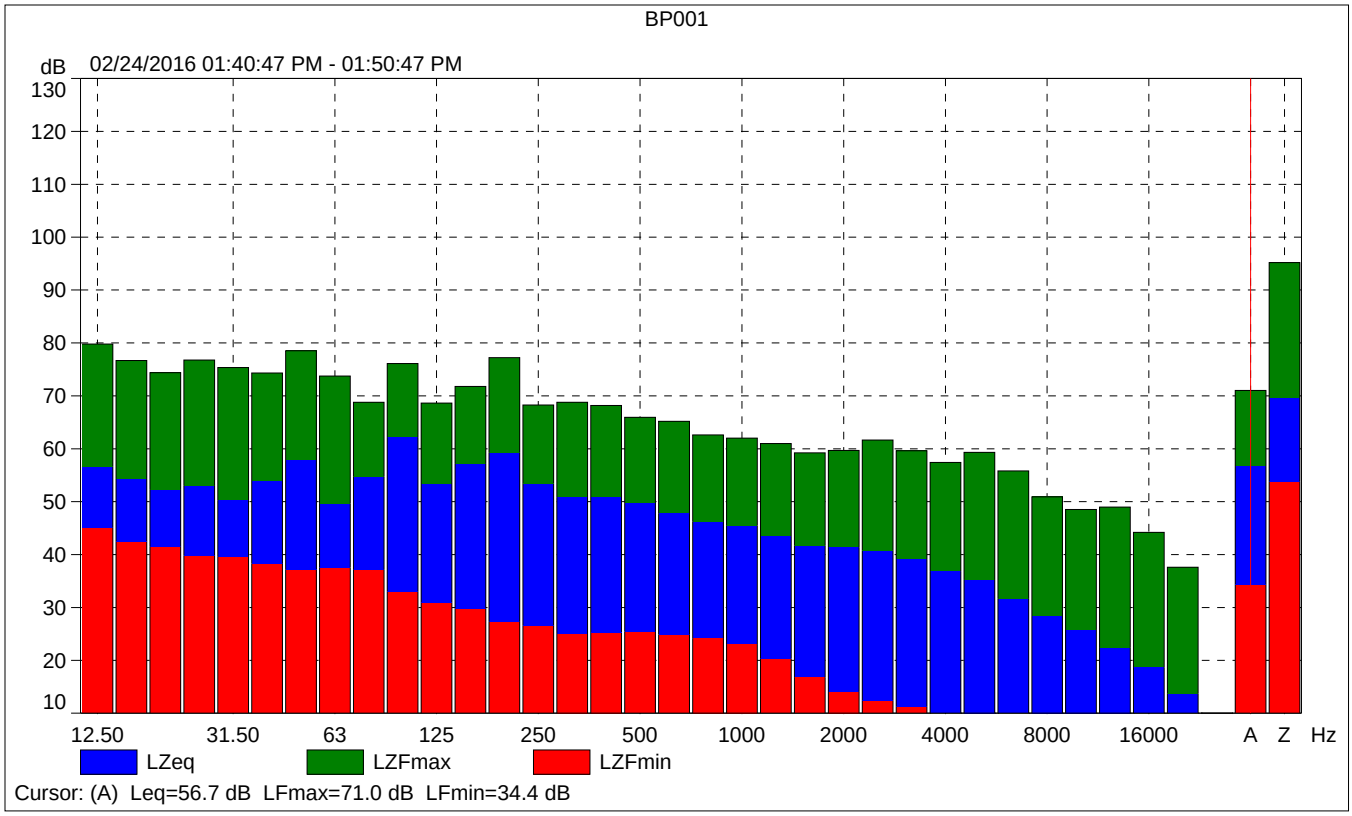
	Time	Frequency
Broadband (excl. Peak):	FSI	AZ
Broadband Peak:		C
Spectrum:	FS	Z

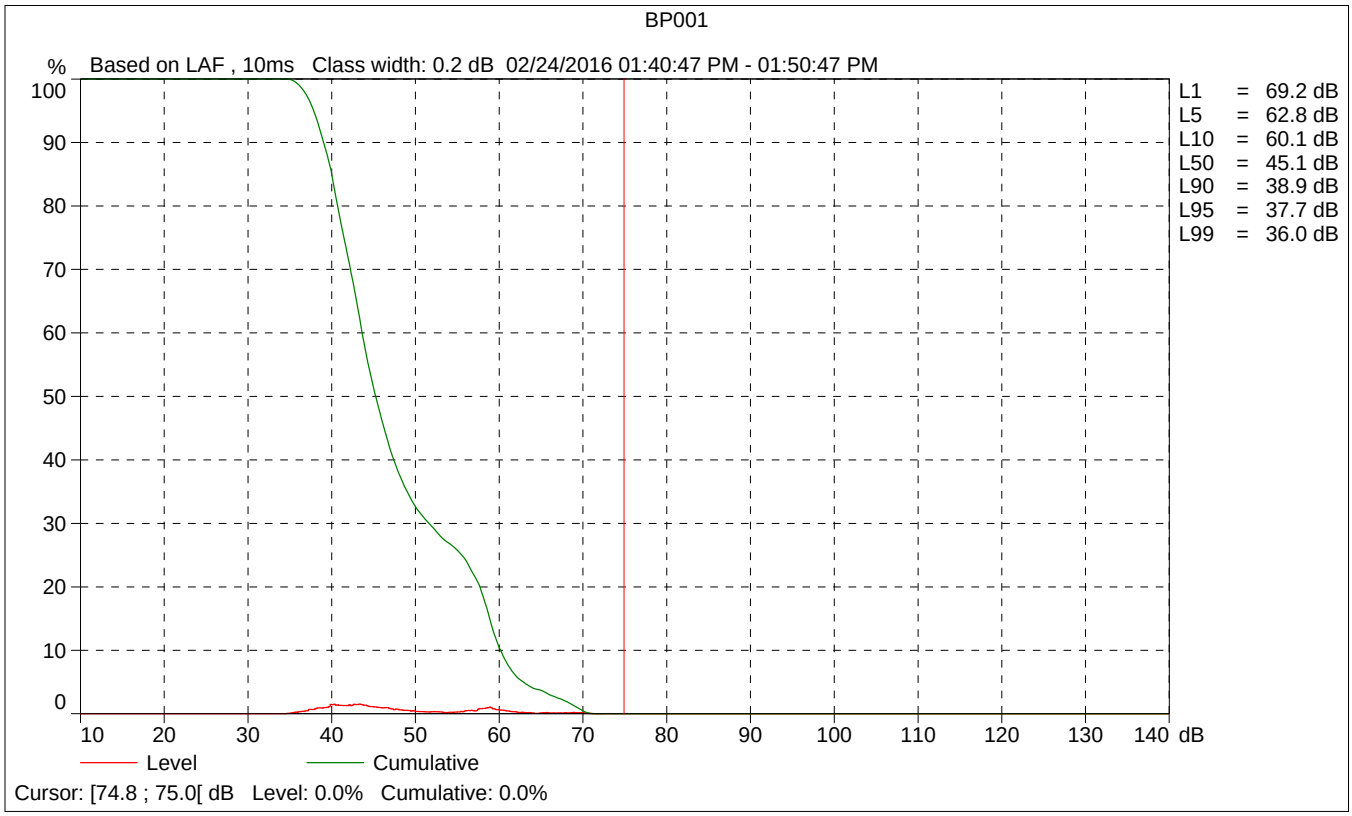
Instrument Serial Number:		2548189
Microphone Serial Number:		2543364
Input:		Top Socket
Windscreen Correction:		None
Sound Field Correction:		Free-field

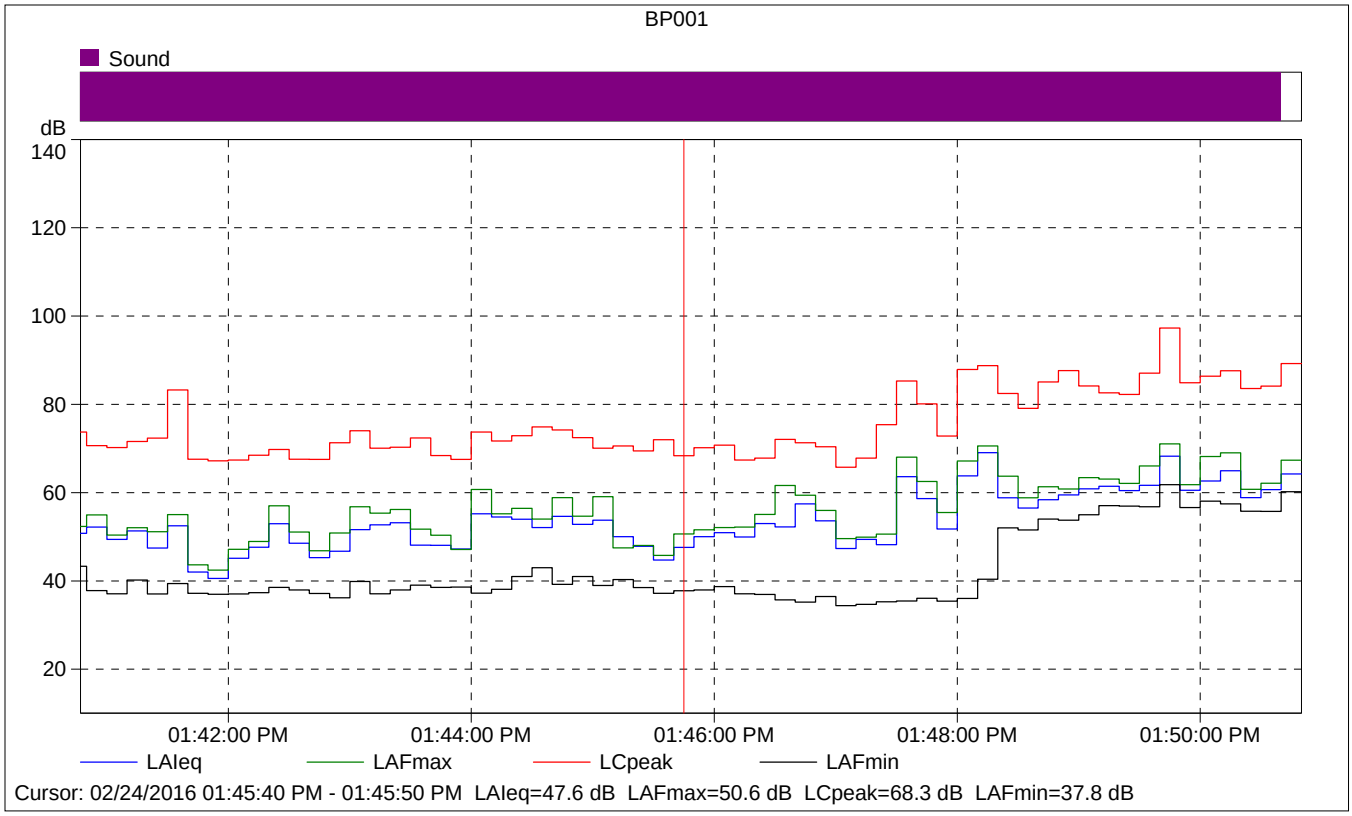
Calibration Time:		02/24/2016 08:52:18
Calibration Type:		External reference
Sensitivity:		64.7629499435425 mV/Pa

BP001

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	56.7	71.0	34.4
Time	01:40:47 PM	01:50:47 PM	0:10:00				
Date	02/24/2016	02/24/2016					

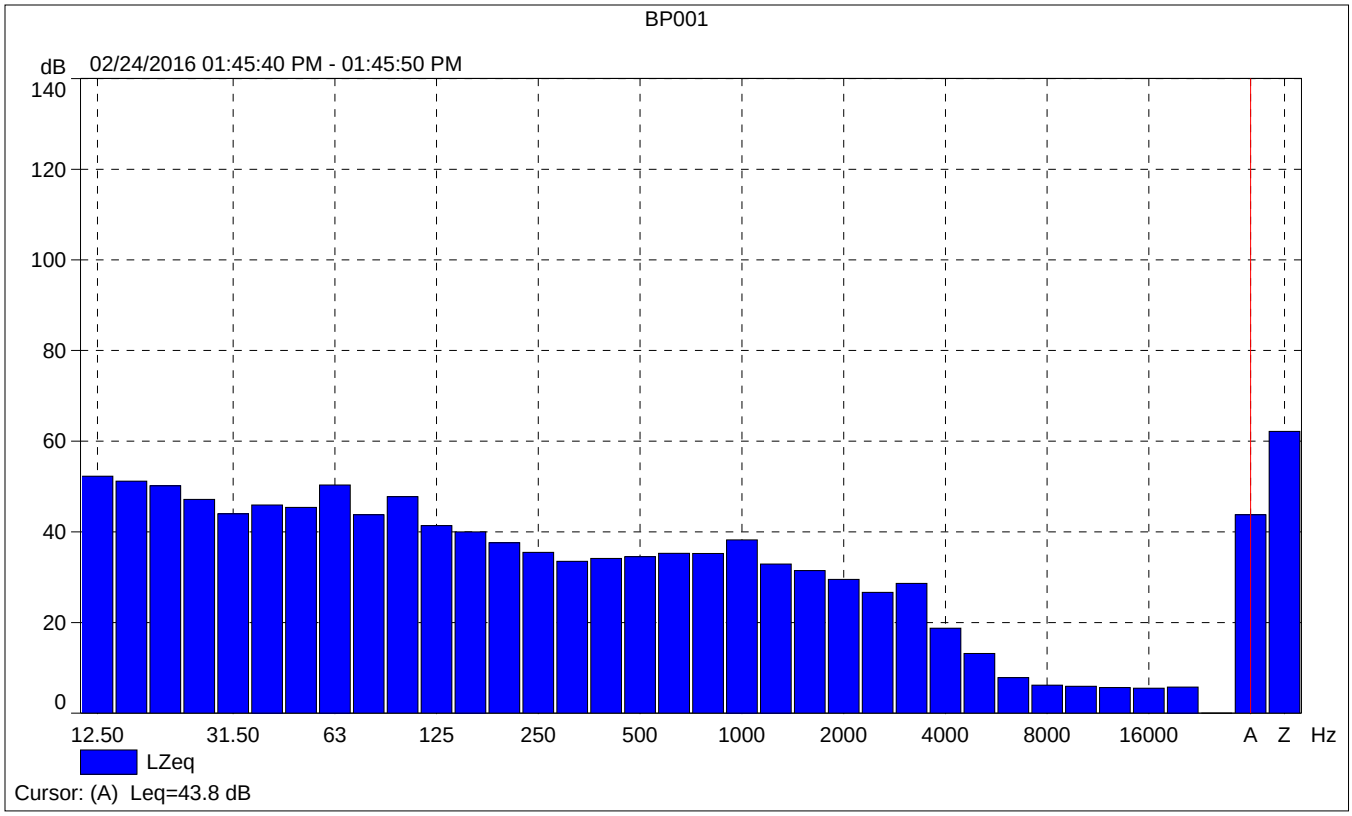

BP001
dB
02/24/2016 01:40:47 PM - 01:50:47 PM
130
120
110
100
90
80
70
60
50
40
30
20
10
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
Z
Hz
LZeq
LZFmax
LZFmin
Cursor: (A) Leq=56.7 dB LFmax=71.0 dB LFmin=34.4 dB

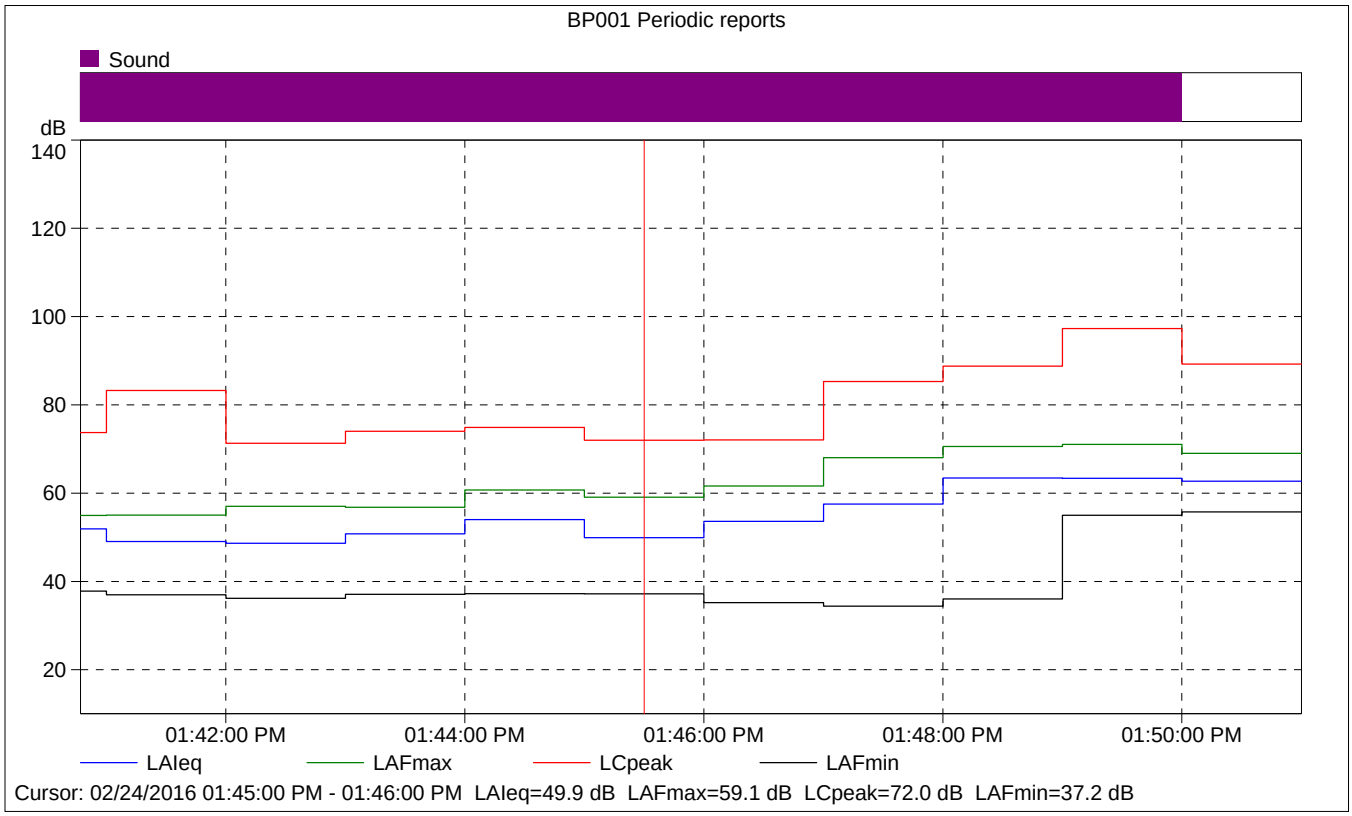

BP001
%
Based on LAF , 10ms Class width: 0.2 dB 02/24/2016 01:40:47 PM - 01:50:47 PM
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
dB
L1 = 69.2 dB
L5 = 62.8 dB
L10 = 60.1 dB
L50 = 45.1 dB
L90 = 38.9 dB
L95 = 37.7 dB
L99 = 36.0 dB
Level
Cumulative
Cursor: [74.8 ; 75.0[dB Level: 0.0% Cumulative: 0.0%



BP001

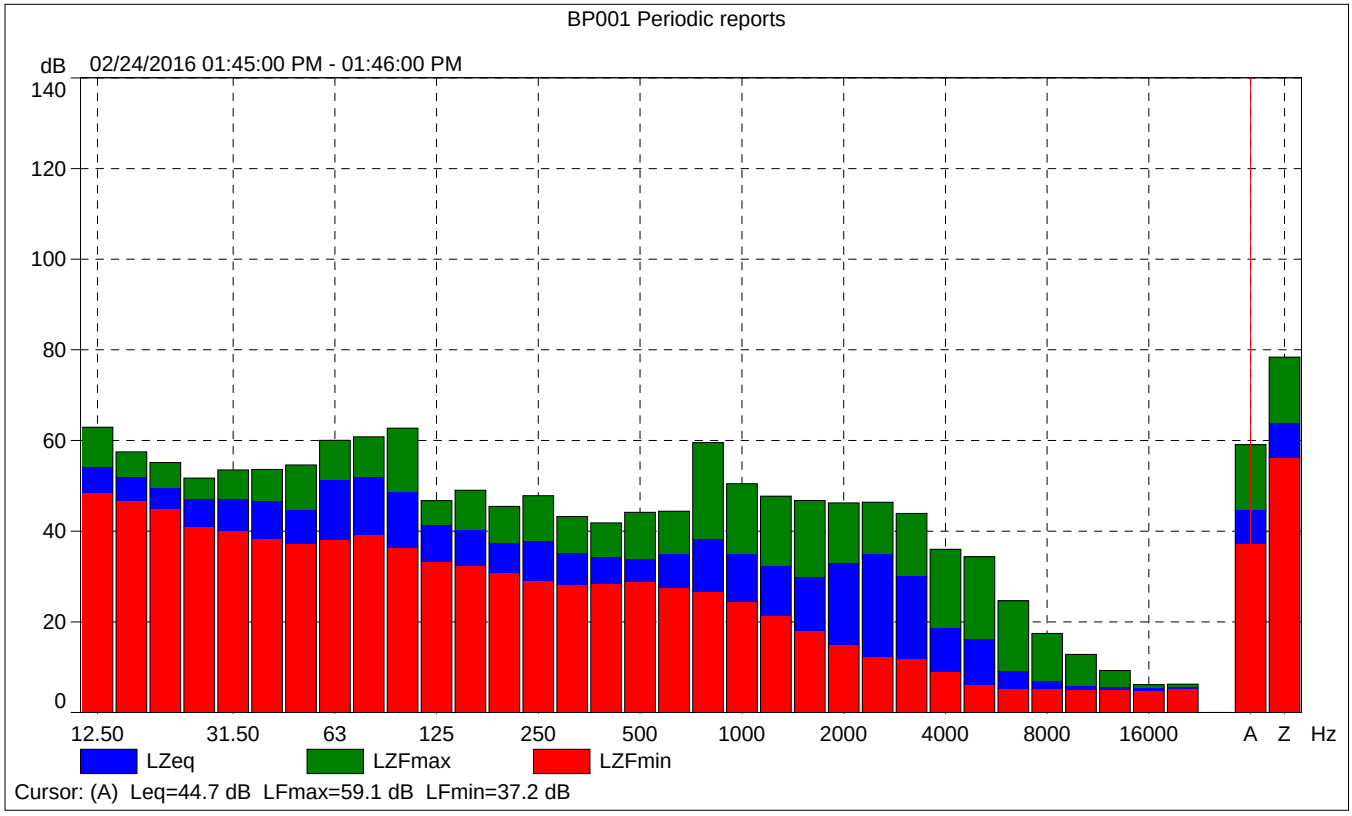
	Start time	Elapsed time	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			47.6	50.6	37.8
Time	01:45:40 PM	0:00:10			
Date	02/24/2016				

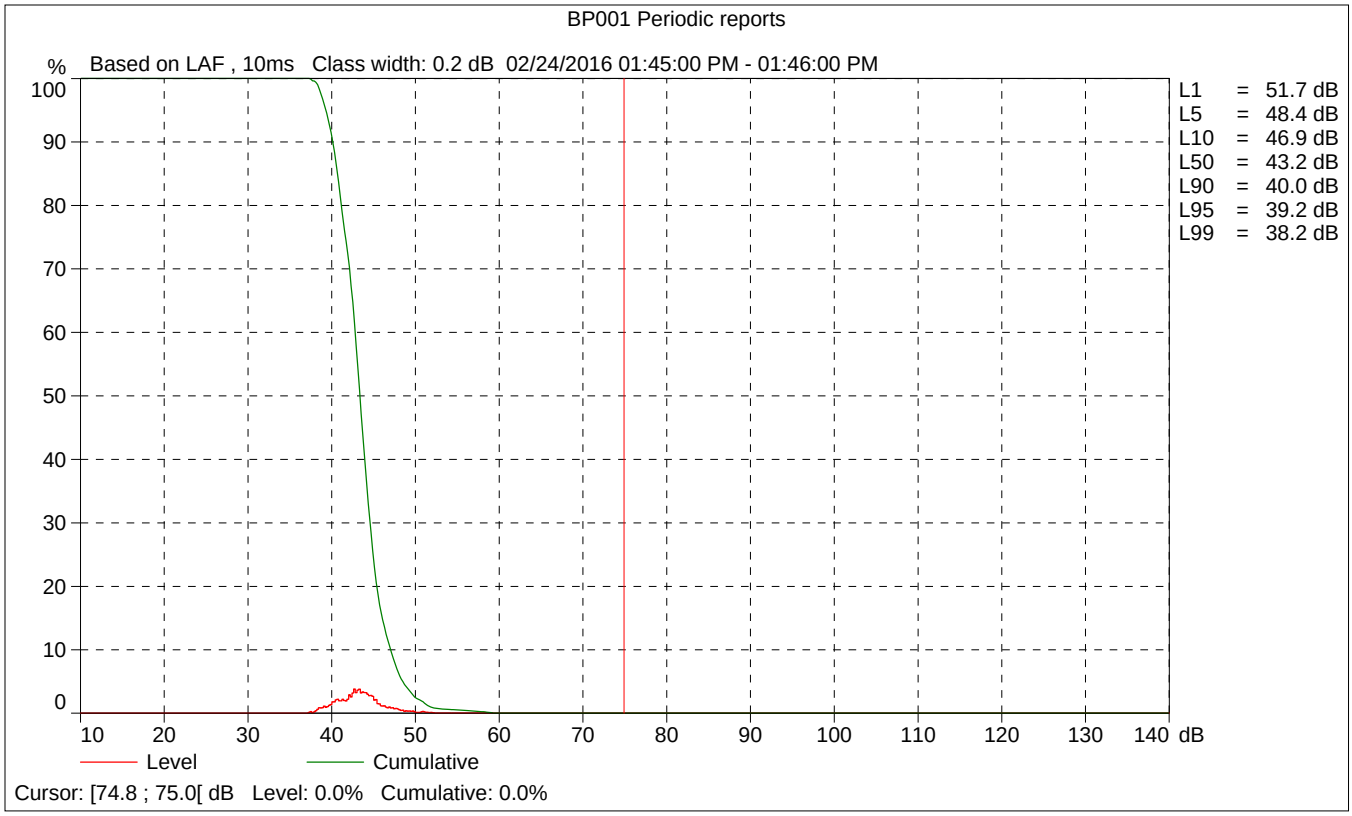

BP001
02/24/2016 01:45:40 PM - 01:45:50 PM
dB
140
120
100
80
60
40
20
0
12.50
31.50
63
125
250
500
1000
2000
4000
8000
16000
A
Z
Hz
LZeq
Cursor: (A) Leq=43.8 dB


BP001 Periodic reports
Sound
dB
140
120
100
80
60
40
20
01:42:00 PM
01:44:00 PM
01:46:00 PM
01:48:00 PM
01:50:00 PM
LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 02/24/2016 01:45:00 PM - 01:46:00 PM LAIeq=49.9 dB LAFmax=59.1 dB LCpeak=72.0 dB LAFmin=37.2 dB

BP001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAIeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	49.9	59.1	37.2
Time	01:45:00 PM	0:01:00				
Date	02/24/2016					

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140
dB
L1 = 51.7 dB
L5 = 48.4 dB
L10 = 46.9 dB
L50 = 43.2 dB
L90 = 40.0 dB
L95 = 39.2 dB
L99 = 38.2 dB
Level
Cumulative
Cursor: [74.8 ; 75.0[dB Level: 0.0% Cumulative: 0.0%

Site Number: Site 2			
Recorded By: Jessica Ditto			
Job Number: 151895			
Date: 2/24/2016			
Time: 1:56 p.m.			
Location: Pacific Avenue, approximately 150 feet east of Big Dalton Avenue			
Source of Peak Noise: Street traffic and dog barking			
Noise Data			
Leq (dB)	**Lmin (dB)**	**Lmax (dB)**	**Peak (dB)**
68.1	48.5	82.1	98.8

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Brüel & Kjær**	**2250**	**2548189**	**1/4/2016**	
	Microphone	**Brüel & Kjær**	**4189**	**2543364**	**1/4/2016**	
	Preamp	**Brüel & Kjær**	**ZC 0032**	**4265**	**1/4/2016**	
	Calibrator	**Brüel & Kjær**	**4231**	**2545667**	**1/4/2016**	

Weather Data			
Est.	**Duration:** 10 minutes	**Sky:** ☼ Sunny	
	Note: dBA Offset = 0.01	**Sensor Height (ft):** 5 ft	
	Wind Ave Speed (mph / m/s)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (hPa)**
	< 5	82	30.01

Photo of Measurement Location

2250

Instrument:		2250
Application:		BZ7225 Version 4.4
Start Time:		02/24/2016 13:55:53
End Time:		02/24/2016 14:05:53
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		138.70

	Time	Frequency
Broadband (excl. Peak):	FSI	AZ
Broadband Peak:		C
Spectrum:	FS	Z

Instrument Serial Number:		2548189
Microphone Serial Number:		2543364
Input:		Top Socket
Windscreen Correction:		None
Sound Field Correction:		Free-field

Calibration Time:		02/24/2016 08:52:18
Calibration Type:		External reference
Sensitivity:		64.7629499435425 mV/Pa

BP002

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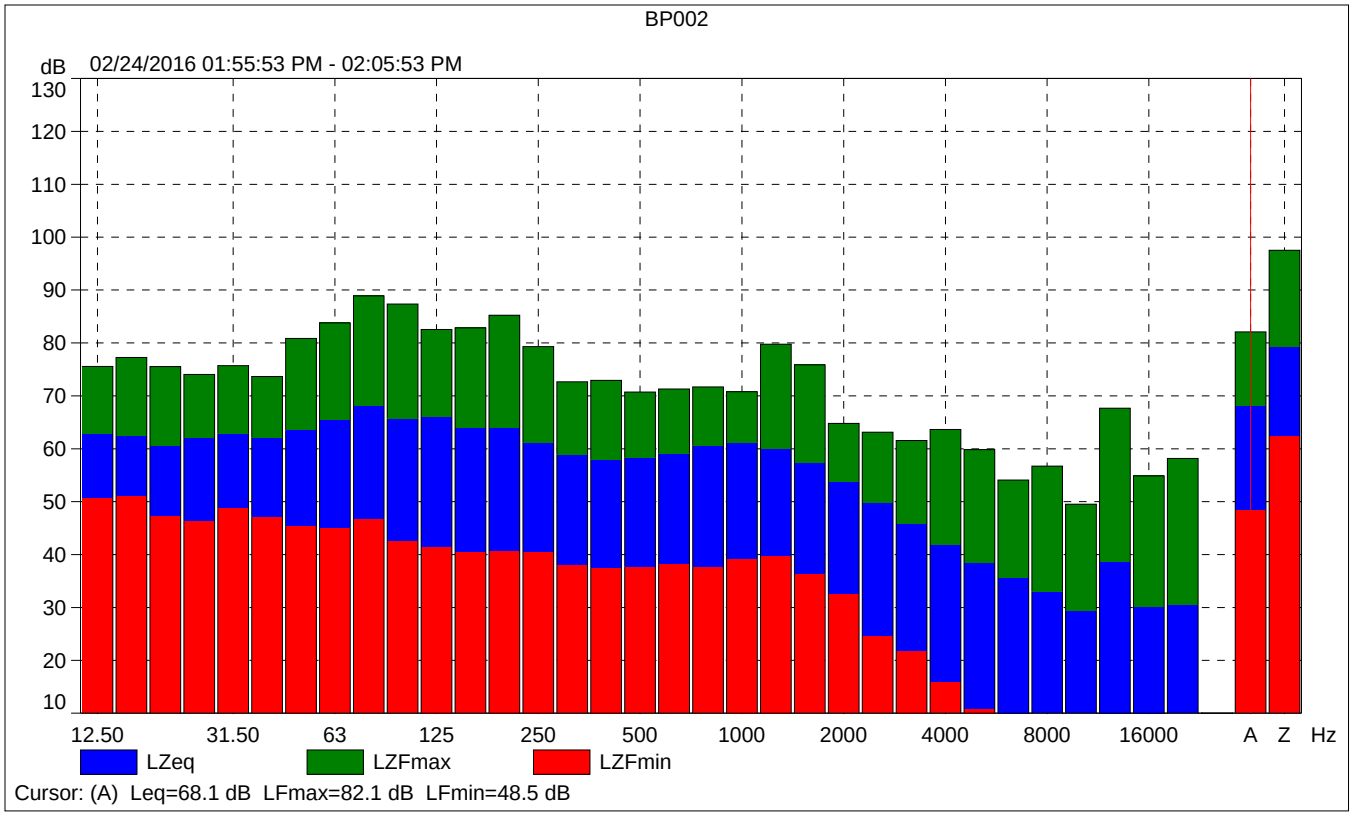
Date	02/24/2016	02/24/2016					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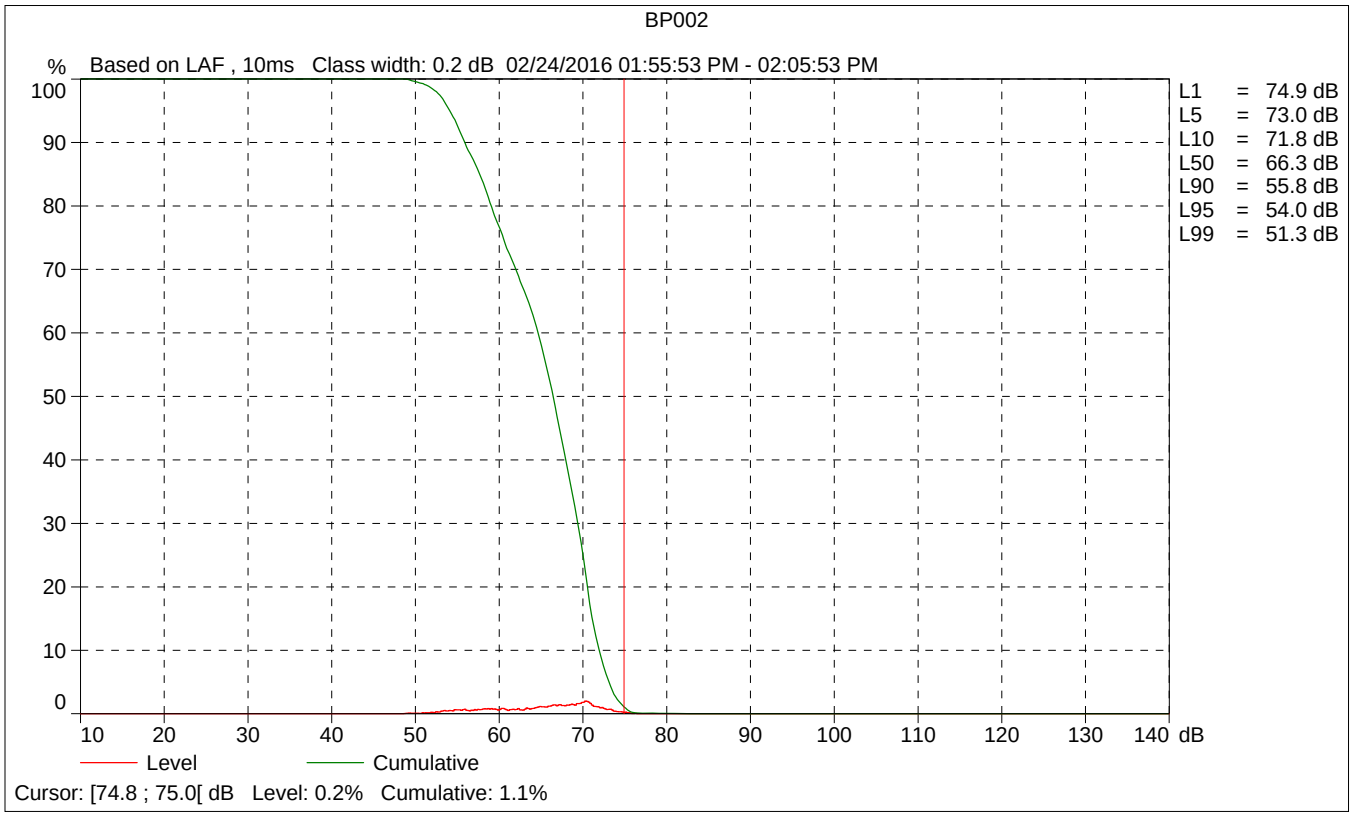
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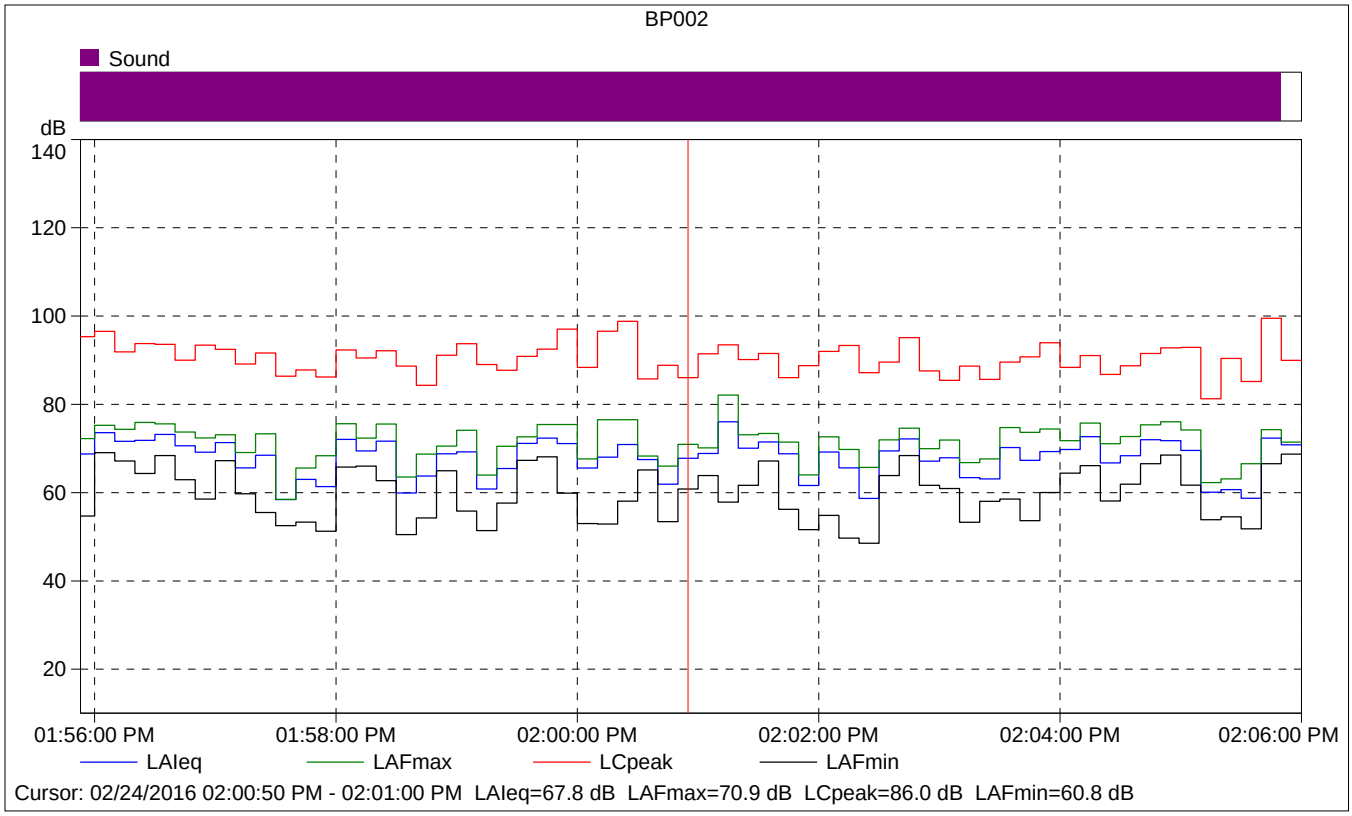
dB
L1 = 74.9 dB
L5 = 73.0 dB
L10 = 71.8 dB
L50 = 66.3 dB
L90 = 55.8 dB
L95 = 54.0 dB
L99 = 51.3 dB
Level
Cumulative
Cursor: [74.8 ; 75.0[dB Level: 0.2% Cumulative: 1.1%



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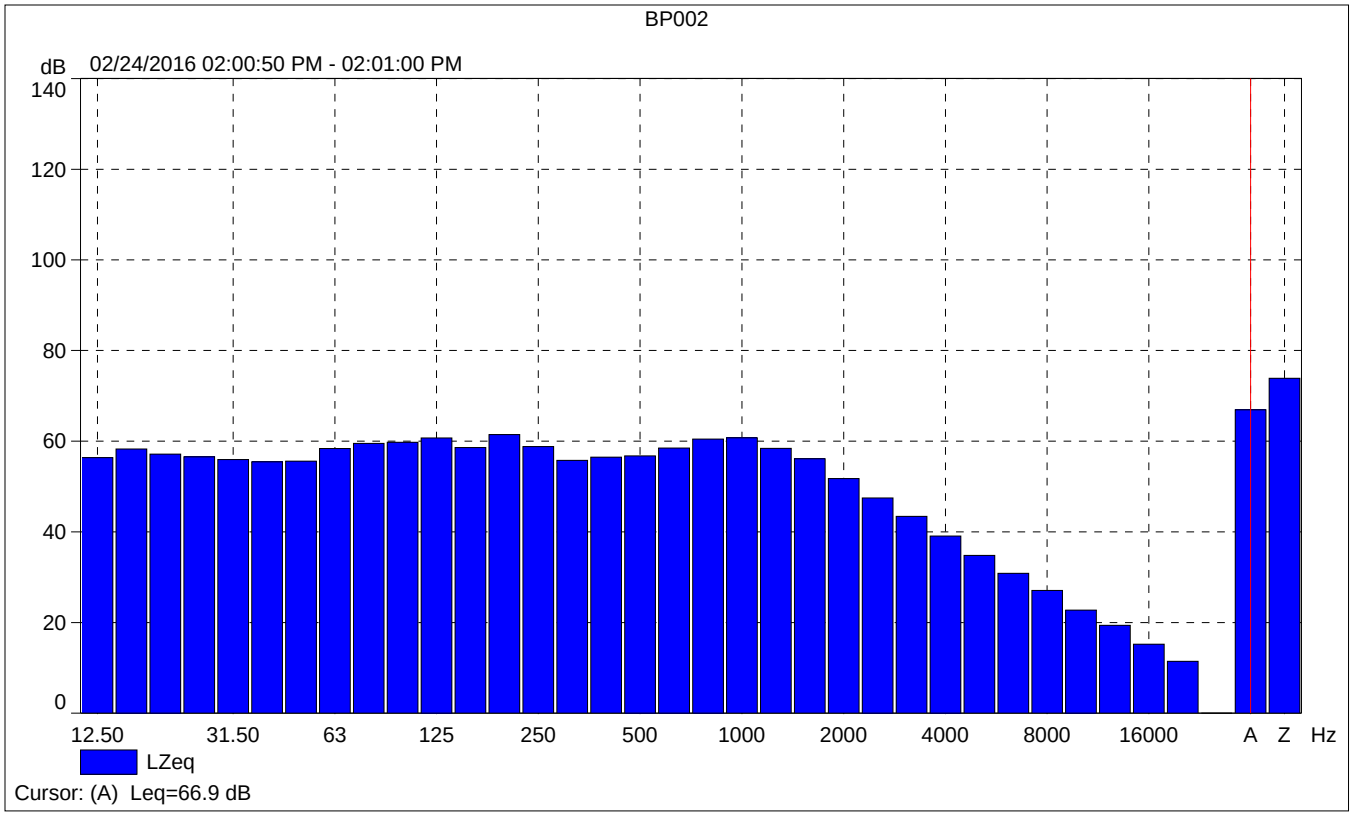
Date	02/24/2016				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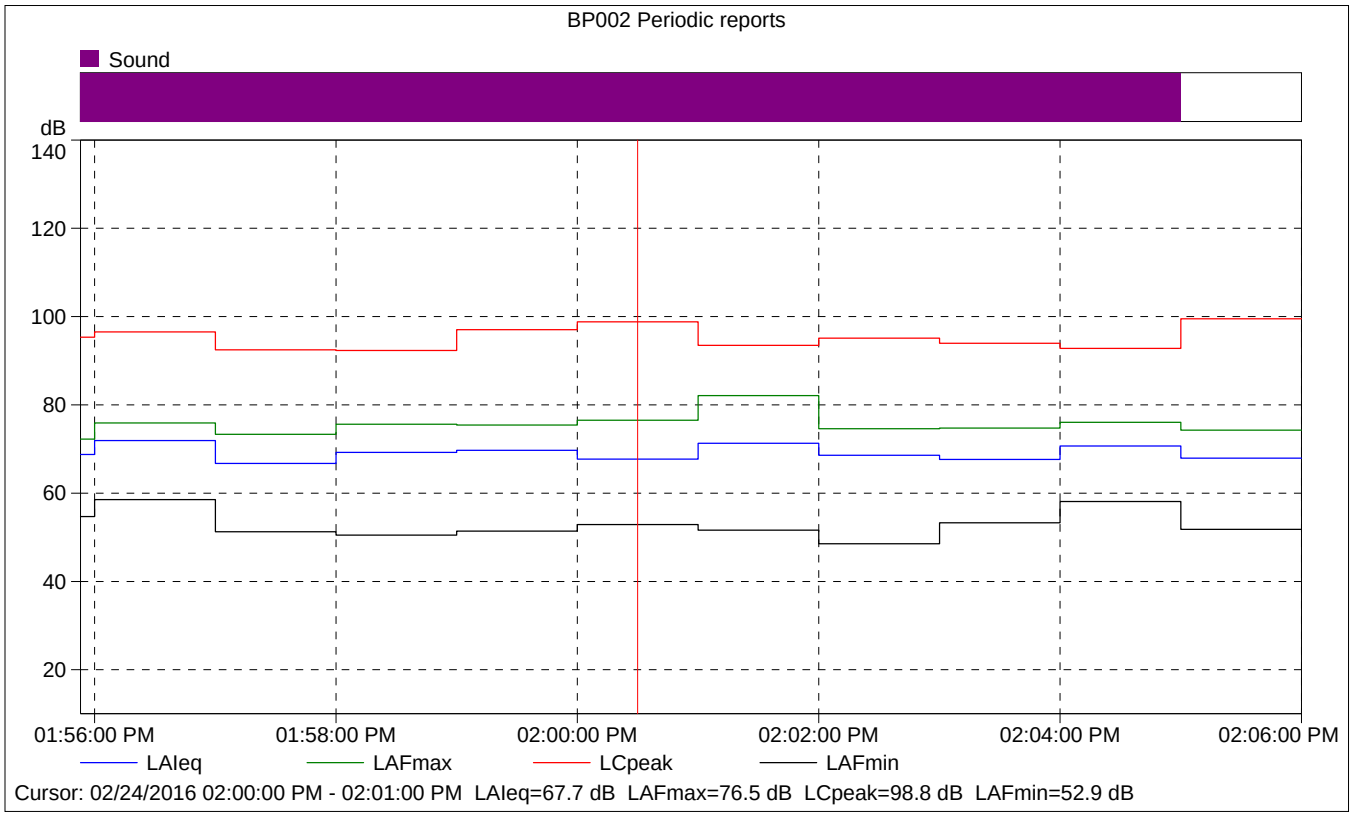
LZeq
Cursor: (A) Leq=66.9 dB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LAIeq
LAFmax
LCpeak
LAFmin
Cursor: 02/24/2016 02:00:00 PM - 02:01:00 PM LAIeq=67.7 dB LAFmax=76.5 dB LCpeak=98.8 dB LAFmin=52.9 dB

BP002 Periodic reports

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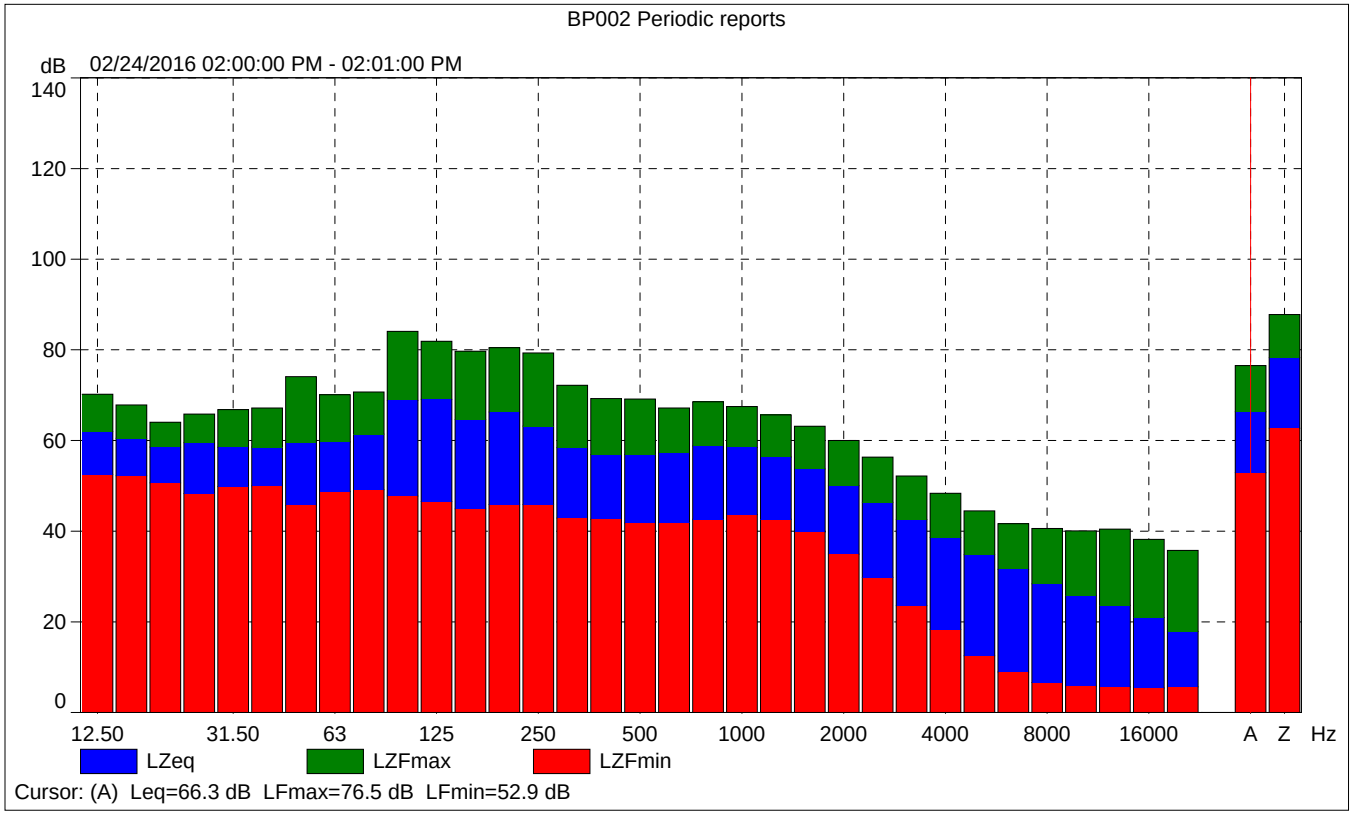
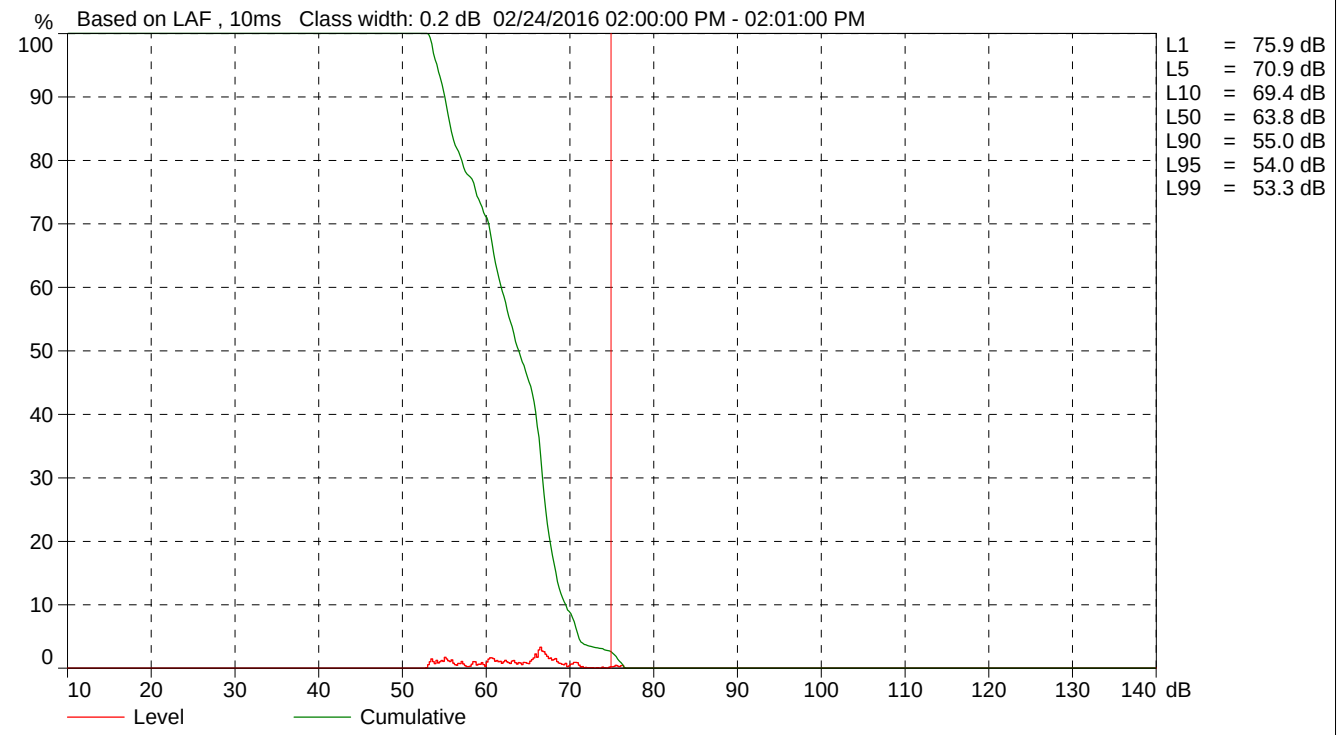


BP002 Periodic reports



Cursor: [74.8 ; 75.0[dB Level: 0.2% Cumulative: 2.6%

Appendix F
Traffic Impact Analysis

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March 23, 2016

Mr. Allan & Roger Lui
S.C. Communities Group, LLC
2863 Maricopa Street
Torrance, CA 90503

Subject: Traffic Impact Analysis: 14827-14839 Pacific Avenue, City of Baldwin Park

Dear Mr. Lui and Mr. Lui:

TJW ENGINEERING, INC. (TJW) is pleased to present you with this traffic impact analysis for the proposed **14827-14839 Pacific Avenue** project in the City of Baldwin Park. The proposed project site would consist of 47 single-family dwelling units on the proposed site which is at 14827-14839 Pacific Avenue.

This traffic study has been prepared to meet the traffic study requirements for the City of Baldwin Park and assesses the forecast traffic operations associated with the proposed project and its impact on the local street network, and has been updated to include additional analysis of impacts related to the potential rezoning of adjacent parcels. This report is being submitted to you for review and forwarding to the City of Baldwin Park.

Please contact us at (949) 878-3509 if you have any questions regarding this analysis.

Sincerely,

Thomas Wheat, PE, TE
President

Jeff Weckstein
Transportation Planner

Registered Civil Engineer *#69467*
Registered Traffic Engineer *#2565*

REGISTERED PROFESSIONAL ENGINEER THOMAS JOSEPH WHEAT C 69467 EXP. 6/30/16 CIVIL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER THOMAS JOSEPH WHEAT TR 2565 EXP. 6/30/16 TRAFFIC STATE OF CALIFORNIA

14827-14839 PACIFIC AVENUE PROJECT
TRAFFIC IMPACT ANALYSIS
Baldwin Park, California

Prepared for:

S.C. COMMUNITIES GROUP, LLC
2863 Maricopa St.
Torrance, CA 90503

And

LAND DEVELOPMENT CONSULTANTS
1520 Brookhollow Dr. Suite 33.
Santa Ana, CA 92705

Prepared by:

6 Venture, Suite 265
Irvine, California 92618
Thomas Wheat, PE, TE
Jeffrey Weckstein

May 7, 2015
Revised: March 23, 2016
JN: LDC-15-001

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1.0 EXECUTIVE SUMMARY

This traffic study analyzes the forecast traffic operations associated with the proposed **14827-14839 Pacific Avenue** project in the City of Baldwin Park. The proposed project is located at 14827-14839 Pacific Avenue and would consist of 47 single family dwelling units. The proposed project would be built and occupied by the end 2017. The project site is currently vacant. Site access for the proposed project is planned at one full access location on Pacific Avenue. The project site is bound by multi-family dwelling units to the northwest, single family homes to the northeast, single family homes and a church to the southeast, and Pacific Avenue to the southwest. For the purpose of this TIA, it is assumed that the proposed project will be built and generating trips in 2017.

The purpose of this TIA is to evaluate the proposed impacts to traffic and circulation associated with the development of the proposed project and recommended improvements to mitigate impacts considered significant in comparison to established regulatory thresholds. This traffic analysis follows City of Baldwin Park traffic study guidelines and is consistent with the traffic impact analysis guidelines in the 2010 Los Angeles County Congestion Management Program (LA CMP).

Institute of Transportation Engineers (ITE) Trip Generation (9th Edition, 2012) rates were used to determine trip generation of the proposed project. The proposed project is forecast to generate 35 AM peak hour trips, 47 PM peak hour trips and 447 daily trips.

Consistent with the City and County's traffic study guidelines, potential impacts to traffic and circulation were assessed for the following scenarios:

- Existing Conditions;
- Existing Plus Project Conditions;
- Project Opening Year (2017) Without Project Conditions;
- Project Opening Year (2017) With Project Conditions;
- Forecast Year 2030 Without Project Conditions; and
- Forecast Year 2030 With Project Conditions.

The following five (5) intersections in the vicinity of the project site have been included in the intersection level of service (LOS) analysis:

- Pacific Avenue/Big Dalton Avenue;
- Pacific Avenue/Puente Avenue;
- Pacific Avenue/Bromley Avenue;
- Root Street/Puente Avenue; and
- Merced Avenue/Puente Avenue.

Additionally the project's driveway on Pacific Avenue has been analyzed for with project conditions.

1.1 SUMMARY OF ANALYSIS RESULTS

The study intersections are currently operating at an acceptable LOS (LOS D or better) during the AM and PM peak hours.

The study intersections are projected to continue to operate at an acceptable LOS (LOS D or better) during the AM and PM peak hours for *existing plus project* conditions.

The study intersections are projected to operate at an acceptable LOS (LOS D or better) during the AM and PM peak hours for *project opening year without and with project* conditions.

The study intersections are projected to operate at an acceptable LOS (LOS D or better) during the AM and PM peak hours for *forecast year 2030 without and with project* conditions.

1.2 SUMMARY OF IMPACTS AND RECOMMENDED IMPROVEMENTS

Based on the City's thresholds of significance, the addition of project generated trips is not projected to result in any significant impacts at the study intersections for any analysis scenarios.

1.3 SUMMARY OF CMP IMPACTS

No CMP monitored intersections are forecast to receive 50 or more project-generated trips during either the AM peak hour or the PM peak hour and no CMP mainline freeway monitoring locations are forecast to receive 150 or more project-generated trips during either the AM peak hour or the PM peak hour. Therefore, the proposed project is forecast to have no significant CMP traffic impacts.

Based on the CMP guidelines, and the proximity of the various project land uses in relation to available transit in the project vicinity, the proposed project is forecast to generate approximately 2 AM peak hour transit trips, approximately 3 PM peak hour transit trips, and approximately 22 daily transit trips. Since the proposed project transit trips can be accommodated by existing transit service in the project vicinity, no significant CMP transit impacts are forecast to occur.

1.4 SUMMARY OF PARKING IMPACTS

The proposed project is providing two private garage parking spaces per dwelling unit and 17 open and visitor parking spaces. The proposed project meets or exceeds City requirements for both assigned and guest parking.

2.0 INTRODUCTION

This traffic study analyzes the forecast traffic operations associated with the proposed **14827-14839 Pacific Avenue** project in the City of Baldwin Park. The proposed project is located at 14827-14839 Pacific Avenue and would consist of 47 single family dwelling units. The proposed project would be built and occupied by the end 2017. The project site is currently vacant.

Site access for the proposed project is planned at one full access location on Pacific Avenue.

The project site is bound by multi-family dwelling units to the northwest, single family homes to the northeast, single family homes and a church to the southeast, and Pacific Avenue to the southwest.

Figure 1 shows the project site location.

Figure 1– *Project Location*

2.1 STUDY AREA

The following five (5) intersections in the vicinity of the project site have been included in the intersection level of service (LOS) analysis:

- Pacific Avenue/Big Dalton Avenue;
- Pacific Avenue/Puente Avenue;
- Pacific Avenue/Bromley Avenue;

- Root Street/Puente Avenue; and
- Merced Avenue/Puente Avenue.

Additionally, the project's access on Pacific Avenue will be analyzed for with project conditions.

The study intersections are all located within the City of Baldwin Park with the exception of the Pacific Avenue/Bromley Avenue intersection which is in the City of West Covina.

This traffic analysis follows City of Baldwin Park traffic study guidelines and is consistent with the traffic impact analysis guidelines in the 2010 Los Angeles County Congestion Management Program (LA CMP).

Exhibit 1 shows the location of the study intersections, which are analyzed for the following study scenarios:

- Existing Conditions;
- Existing Plus Project Conditions;
- Project Opening Year (2017) Without Project Conditions;
- Project Opening Year (2017) With Project Conditions;
- Forecast Year 2030 Without Project Conditions; and
- Forecast Year 2030 With Project Conditions.

Traffic operations are evaluated for the following time periods:
- Weekday AM Peak Hour occurring within 7:00 AM to 9:00 AM; and
- Weekday PM Peak Hour occurring within 4:00 PM to 6:00 PM.

2.2 ANALYSIS METHODOLOGY

2.2.1 Intersection Analysis

Level of Service (LOS) is commonly used to describe the quality of flow on roadways and at intersections using a range of LOS from LOS A (free flow with little congestion) to LOS F (severely congested conditions). The Intersection Capacity Utilization (ICU) methodology expresses the LOS of an intersection in terms of the remaining capacity at an intersection (or lack thereof). The ICU methodology compares the volume-to-capacity (V/C) ratios of conflicting turn movements at an intersection, sums the critical conflicting V/C ratios for each intersection approach, and determines the intersection's overall capacity utilization. The resulting V/C ratio is converted to an LOS as follows:

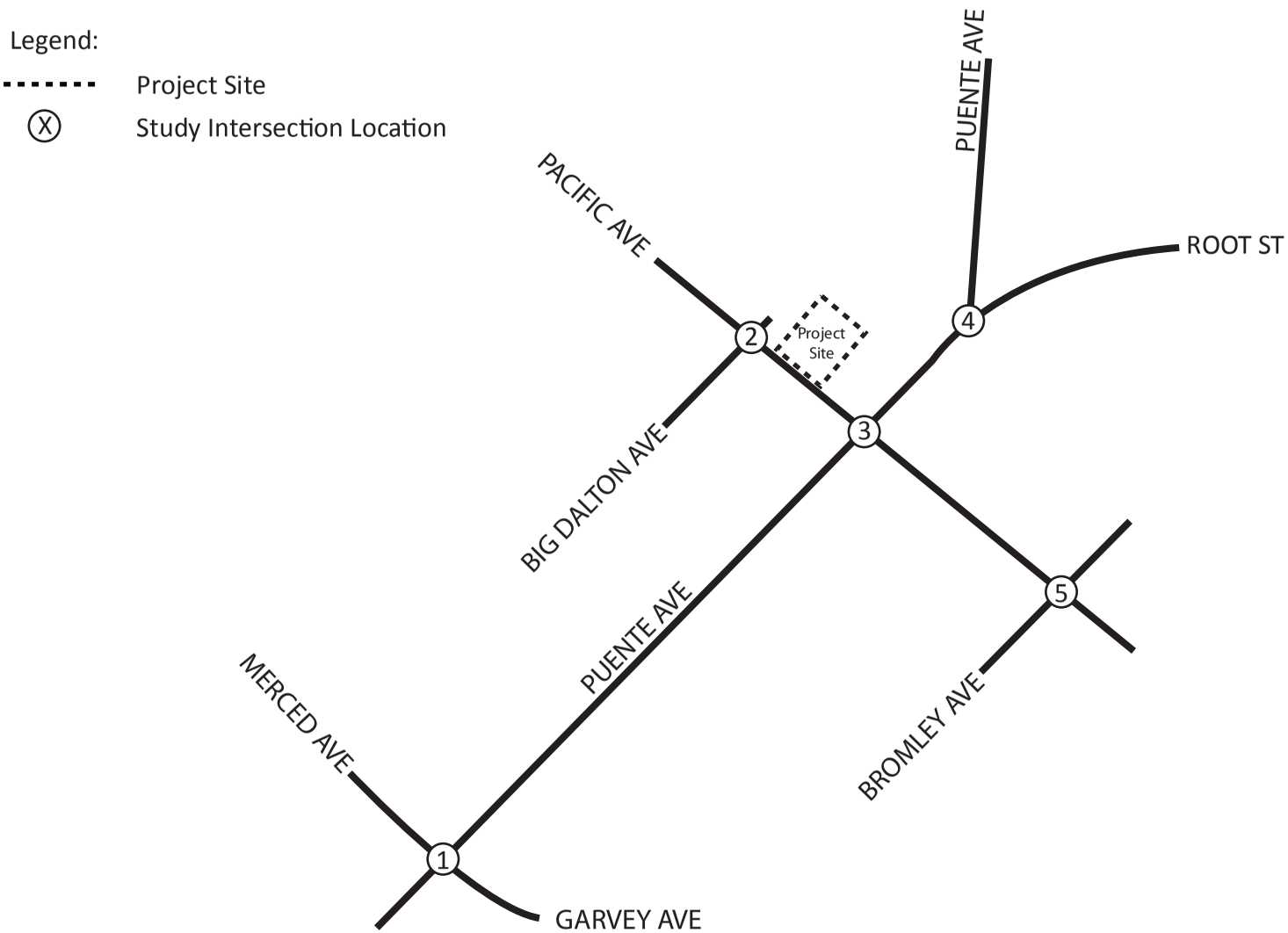


Exhibit 1: Project Location & Study Area

LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

Table 1
LOS & V/C Ranges

LEVEL OF SERVICE	CRITICAL VOLUME TO CAPACITY RATIO
A	0.000 - 0.600
B	0.601 - 0.700
C	0.701 - 0.800
D	0.801 - 0.900
E	0.901 - 1.000
F	>1.000

This study utilizes a 1,600 vehicle per lane per hour saturation flow rate (1,440 vehicles per lane for dual left-turn lanes) and a clearance interval of ten percent.

Unsignalized (stop-controlled) intersections are analyzed utilizing the Highway Capacity Manual (HCM) 2010 (Transportation Research Board, 2010) methodology, which expresses the LOS of an intersection in terms of delay time for the intersection approaches. For all-way stop-controlled intersections, the HCM methodology computes LOS for the intersection as a whole.

Table 2 describes the general characteristics of traffic flow and accompanying delay ranges at unsignalized intersections.

Table 2
HCM – LOS & Delay Ranges – Unsignalized Intersections

LEVEL OF SERVICE	DESCRIPTION	DELAY (in seconds)
A	Little or no delays.	0 – 10.00
B	Short traffic delays.	10.01 – 15.00
C	Average traffic delays.	15.01 – 25.00
D	Long traffic delays. Multiple vehicles in queue.	25.01 – 35.00
E	Very long delays. Demand approaching capacity of intersection	35.01 – 50.00
F	Very constrained flow with extreme delays and intersection capacity exceeded.	> 50.01

Source: Transportation Research Board, *Highway Capacity Manual*, HCM2010 Edition (Washington D.C., 2010).

This analysis utilizes the Traffix™ analysis software for all signalized intersections and V/C calculations and the Synchro 9 analysis software for unsignalized intersections and HCM 2010 calculations.

2.3 PERFORMANCE CRITERIA

The City of Baldwin Park target for peak hour intersection operation outside of the downtown area is LOS D or better.

2.4 THRESHOLDS OF SIGNIFICANCE

According to California Environmental Quality Act (CEQA) guidelines, a project is considered to cause a significant impact to a transportation system if it:

- Conflicts with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel.
- Conflicts with an applicable congestion management program (CMP), including, but not limited to level of service standards, travel demand measures, or other standards established by the County Congestion Management Agency for roadways or highways.
- Conflicts with adopted policies or programs regarding public transit, bicycle or pedestrian facilities, or otherwise decreases the performance or safety of such facilities.

To determine whether the addition of project-generated trips at a signalized study intersection results in a significant impact, the City of Baldwin Park utilizes the following threshold of significance:

- A significant traffic impact occurs at a signalized study intersection when a proposed project increases traffic demand by one percent or more of capacity (V/C > 0.01), causing or worsening LOS E or F.

3.0 Existing Conditions

3.1 EXISTING CIRCULATION NETWORK/STUDY AREA CONDITIONS

The characteristics of the roadway system in the vicinity of the proposed project site are described below:

Pacific Avenue is a northwest-southeast roadway adjacent to the project site. Pacific Avenue is classified as a Collector Street in the City of Baldwin Park General Plan Circulation Element. Pacific Avenue is a four-lane undivided roadway with a posted speed limit of 40 miles per hour. On-street parking is permitted intermittently on Pacific Avenue; however on-street parking is prohibited on both sides of Pacific Avenue in the immediate vicinity of the proposed project site.

Big Dalton Avenue is a northeast-southwest roadway northwest of the project site. Big Dalton Avenue is a two-lane undivided roadway with a posted speed limit of 25 miles per hour. On-street parking is generally permitted on Big Dalton Avenue. Big Dalton Avenue is discontinuous at Pacific Avenue. Big Dalton Avenue is classified as a Residential Street in the City of Baldwin Park General Plan Circulation Element.

Bromley Avenue is a northeast-southwest, two-lane undivided roadway with a posted speed limit of 25 miles per hour. On-street parking is generally permitted on Bromley Avenue.

Interstate 10 (I-10) is an east-west state highway that traverses the continental United States. I-10 originates at Pacific Coast Highway in Santa Monica and terminates at Interstate 95 in Jacksonville, Florida. In the vicinity of the proposed project, I-10 is an eight-lane freeway facility with four general purpose lanes in each direction. As the crow flies, I-10 is approximately 0.65 miles south of the proposed project site.

Puente Avenue is a northeast-southwest roadway southeast of the project site. Puente Avenue, in the vicinity of the project site is a four-lane undivided roadway with a posted speed limit of 40 miles per hour. On-street parking is permitted intermittently on Puente Avenue. Puente Avenue is a two-lane undivided roadway north of Root Street. Puente Avenue is classified as a Collector Street in the City of Baldwin Park General Plan Circulation Element between Merced Avenue and Root Street, and as a Residential Street south of Merced Avenue and North of Root Street.

Root Street is a northeast-southwest, four-lane undivided roadway with a posted speed limit of 40 miles per hour. On-street parking is permitted on Root Street. Root Street is classified as a Collector Street in the City of Baldwin Park General Plan Circulation Element.

Merced Avenue is a northwest-southeast, four-lane undivided roadway with a posted speed limit of 35 miles per hour. Merced Avenue is classified as a Collector Street in the City of Baldwin Park General Plan Circulation Element. On-street parking is permitted intermittently on Merced Avenue. East of Puente Avenue, Merced Avenue changes name to Garvey Avenue N and functions as a frontage road to I-10.

Exhibit 2 shows existing conditions study area intersection and roadway geometry.

3.2 CITY OF BALDWIN PARK GENERAL PLAN CIRCULATION ELEMENT

Appendix A contains the City of Baldwin Park General Plan Circulation Element roadway classifications and roadway cross sections.

3.3 EXISTING BICYCLE AND PEDESTRIAN FACILITIES

There are no striped Class II bicycle lanes on study area roadways. The General Plan Circulation Element bikeways map identifies Pacific Avenue and Puente Avenue as areas for future Class III bicycle facilities.

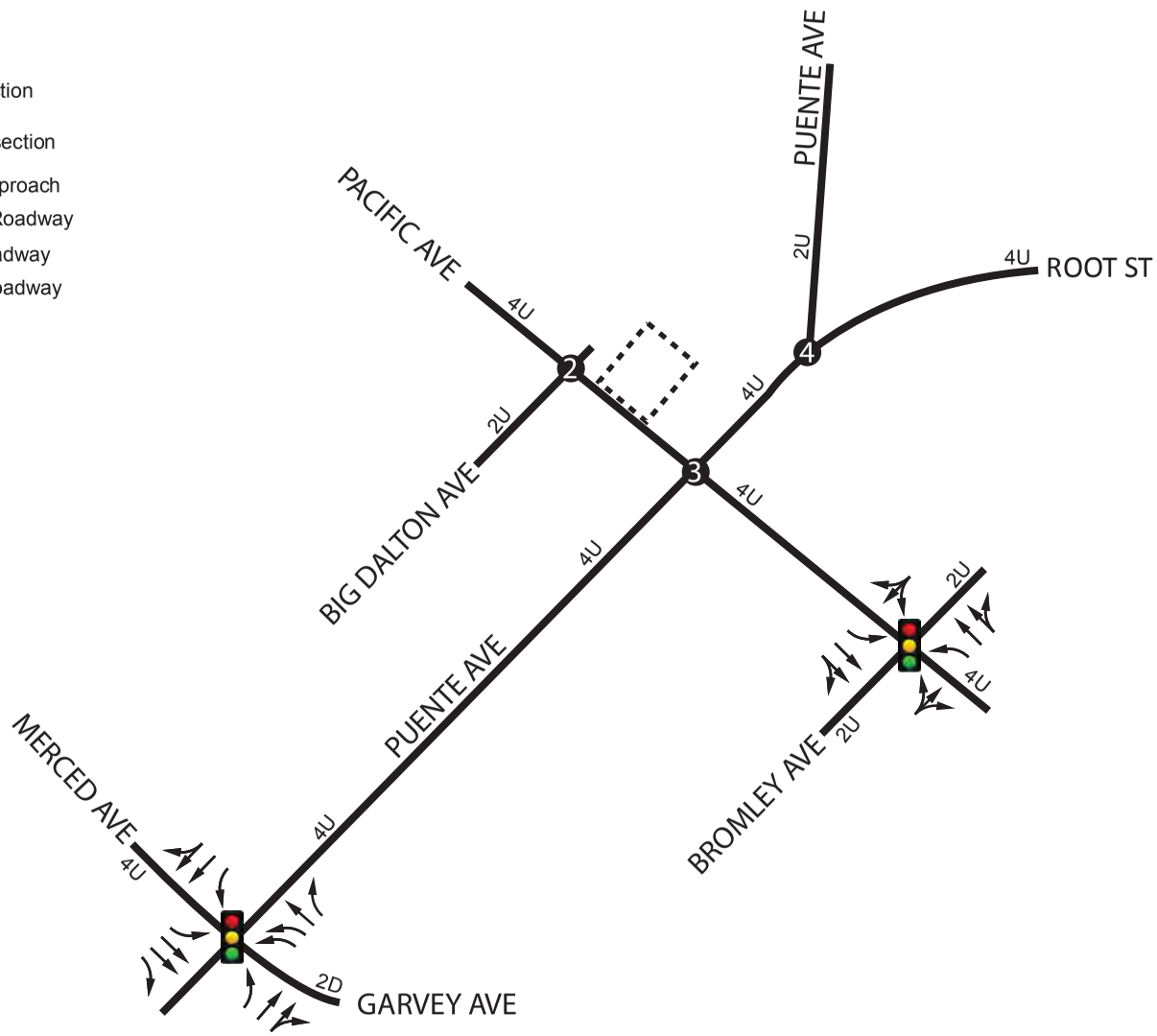
Sidewalks along roadways and curb ramps at intersections are present at all locations within the study area.

3.4 EXISTING PUBLIC TRANSIT SERVICES

The City of Baldwin Park is served by Los Angeles Metro and Foothill Transit bus routes as well as the Baldwin Park transit shuttle. ***Figure 2*** shows the transit routes in the vicinity of the City of Baldwin Park.

Legend:

- Existing Lane
- Signalized Intersection
- Unsignalized Intersection
- STOP — Stop Controlled Approach
- 2U — 2-lane Undivided Roadway
- 2D — 2-lane Divided Roadway
- 4U — 4-lane Univided Roadway



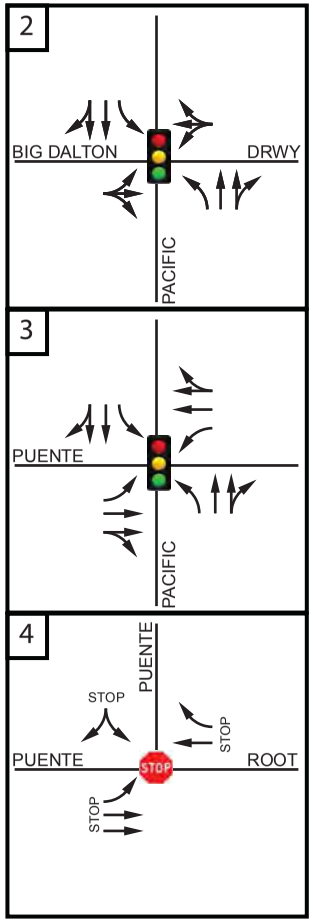
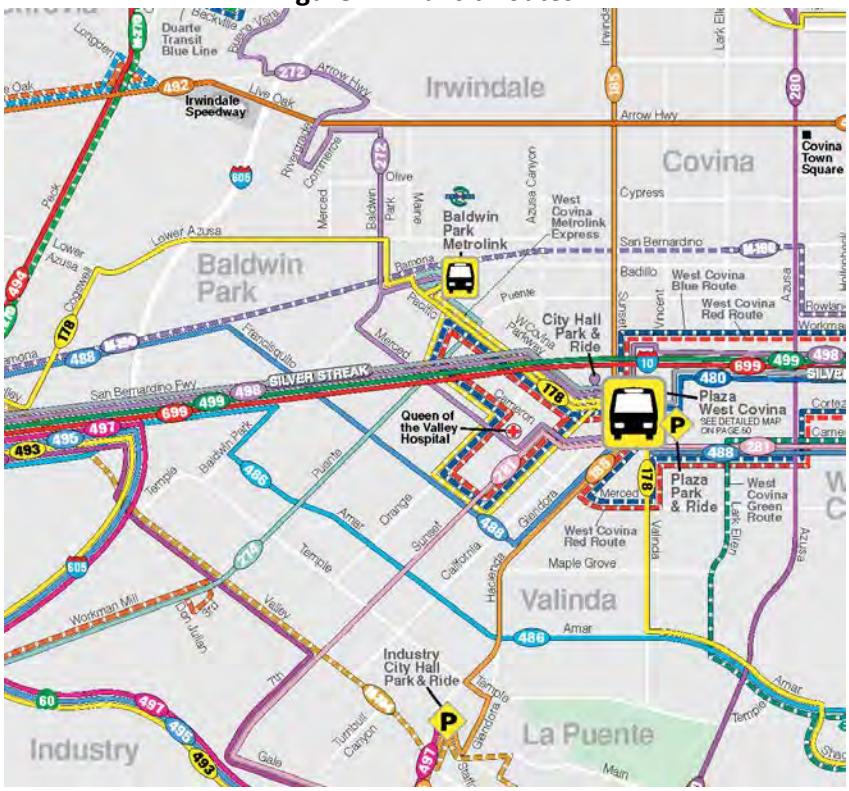


Exhibit 2: Existing Lane Geometry & Intersection Control

LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

Figure 2– *Transit Routes*



There are two Foothill Transit bus routes currently providing stops within convenient walking distance to the proposed project site as well as the Baldwin Park transit shuttle. The bus lines serving the project site directly are described below. ***Appendix B*** contains additional information on the transit routes serving the study area.

Foothill Transit Bus Route 178 runs between the Puente Hills Mall and the El Monte Station with stops at the Baldwin Park Metrolink station during peak hours only and headways of approximately 30 minutes throughout the day on weekdays, and headways of 30 minutes to one hour on weekends and holidays. In the project vicinity, Bus Route 178 runs along Pacific Avenue with a stop at the Pacific Avenue/Puente Avenue intersection approximately 1/10 of a mile from the proposed project site.

Foothill Transit Bus Route 274 runs between the Baldwin Park Metrolink station and the City of Whittier with headways of 45-60 minutes throughout the day on weekdays, and headways of 90 minutes on weekends and holidays. In the project vicinity, Bus Route 274 runs along Puente Avenue and Pacific Avenue with a stop at the Pacific Avenue/Puente Avenue intersection approximately 1/10 of a mile from the proposed project site.

The Baldwin Park Transit Shuttle operates two transit lines that run in a circle around the city, one in a clockwise circulation pattern (Pumpkin Line), and one in a counterclockwise circulation pattern

(Teal Line). The closest stop to the project site is at the Pacific Avenue/Puente Avenue intersection with headways of 12 minutes during the peak commute periods.

Additionally, the Baldwin Park Metrolink station, which provides peak period service to Downtown Los Angeles, is approximately ½ mile from the proposed project site.

3.5 EXISTING TRAFFIC VOLUMES

To determine the existing operation of the study intersections, AM and PM peak period traffic counts were collected on Wednesday, March 18, 2015. The traffic volumes used in this analysis are from the highest hour within the peak period counted. Detailed traffic count data is provided in ***Appendix C***.

Exhibit 3 shows existing AM and PM peak hour volumes at the study intersections.

3.6 EXISTING CONDITIONS INTERSECTION LEVEL OF SERVICE ANALYSIS

Existing conditions AM and PM peak hour intersection analysis is shown in ***Table 3***. Calculations are based on the existing geometrics at the study area intersections as shown in ***Exhibit 2.*** HCM analysis sheets are provided in ***Appendix D***.

Table 3
Intersection Analysis – Existing Conditions

Intersection	Control Type	AM Peak Hour	PM Peak Hour
		V/C (Delay) - LOS	V/C (Delay) - LOS
Merced Ave/Puente Ave	Signal	0.726 – C	0.800 – C
Pacific Ave/Big Dalton Ave	Signal	0.456 – A	0.557 – A
Pacific Ave/Puente Ave	Signal	0.615 – B	0.648 – B
Root St/Puente Ave	AWSC	16.0 – C	11.6 – B
Pacific Ave/Bromley Ave	Signal	0.335 – A	0.394 – A

Note: AWSC = All-Way Stop-Control, Delay shown in seconds per vehicle

As shown in ***Table 3***, the study intersections are currently operating at an acceptable LOS (LOS D or better) during the AM and PM peak hours.

4.0 Proposed Project

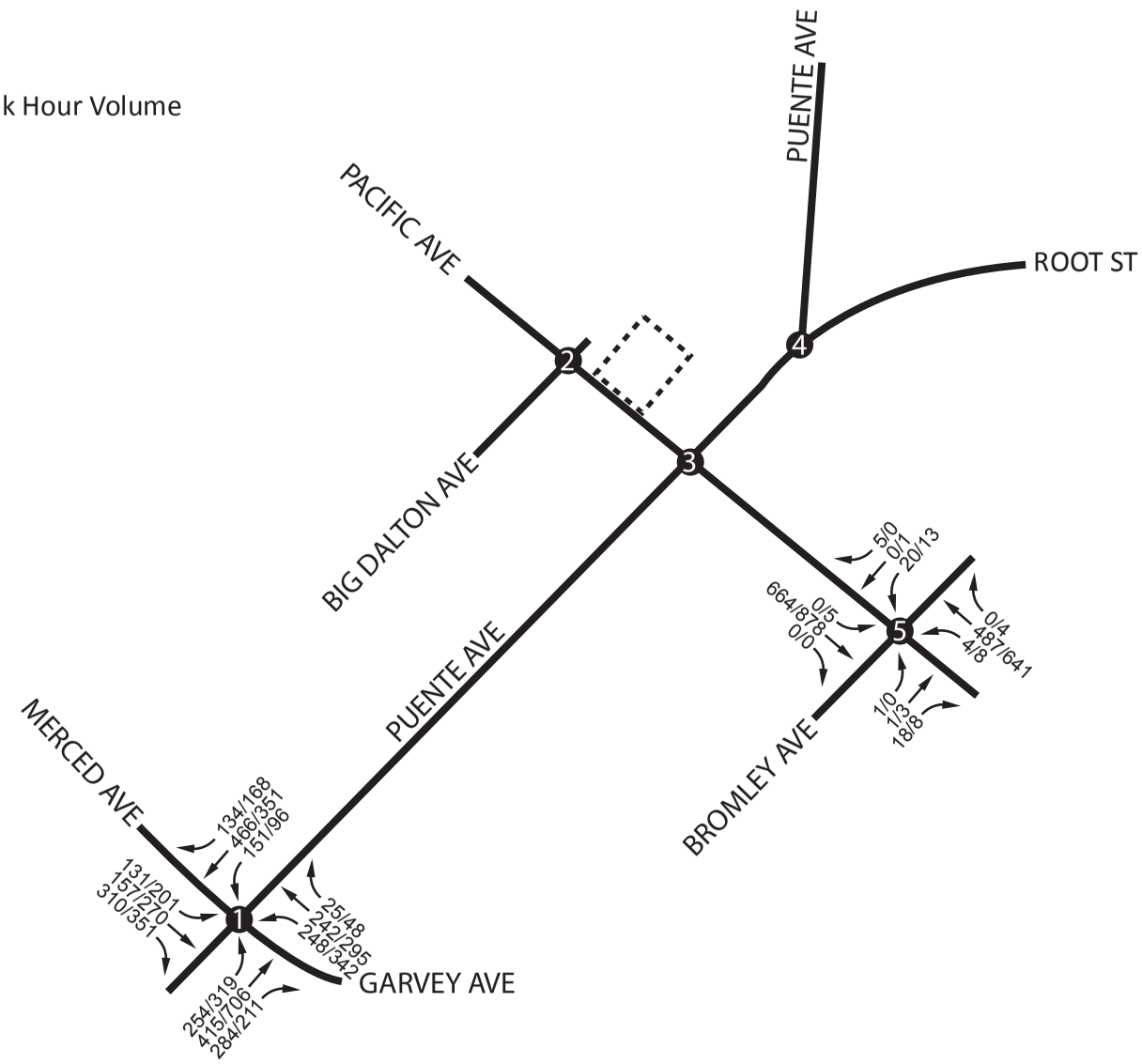
4.1 Project Description

The proposed **14827-14839 Pacific Avenue** project in the City of Baldwin Park is located at 14827-14839 Pacific Avenue and would consist of 47 single family dwelling units. The proposed project would be built and occupied by the end 2017. The project site is currently vacant.

Legend:

- - - - - - Project Site

XX/XX AM/PM Peak Hour Volume



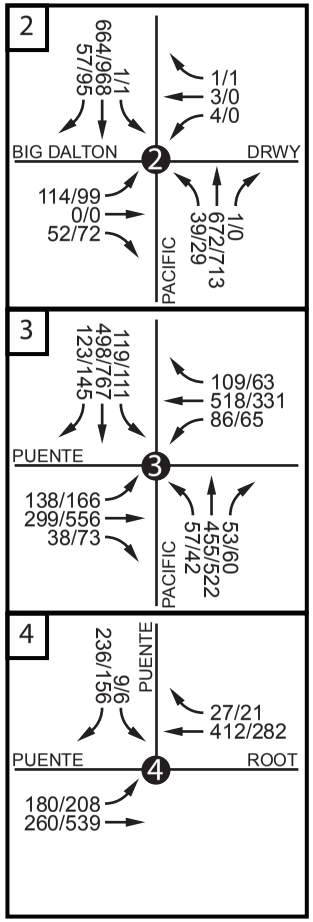


Exhibit 3: Existing AM/PM Peak Hour Intersection Volumes

LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

Site access for the proposed project is planned at one full access location on Pacific Avenue.

The project site is bound by multi-family dwelling units to the northwest, single family homes to the northeast, single family homes and a church to the southeast, and Pacific Avenue to the southwest.

Exhibit 4 shows the proposed project site plan.

4.2 Project Trip Generation

In order to determine the project's anticipated trip generation, *Institute of Transportation Engineers (ITE) 9th Edition* trip generation rates were utilized. The analysis calculates the AM peak hour trips, PM peak hour trips and average daily trips (ADT) forecast to be generated by the proposed project land use.

Table 4 shows the *ITE* rates used to calculate trip generation of the proposed project. The traffic generation of the proposed project, based on these rates is also shown in ***Table 4***.

Table 4
Proposed Project Trip Generation

Land Use (ITE Code)	Unit	AM Peak Hour			PM Peak Hour			Daily Trips
		In	Out	Total	In	Out	Total	
Trip Generation Rates (ITE 9th Edition)								
Single Family Homes (210)	DU	0.19	0.56	0.75	0.63	0.37	1.00	9.52
Project Vehicle Trips								
Single Family Homes	**47 DU**	9	26	35	30	17	47	447

Note: DU = Dwelling Unit
Source: ITE Trip Generation, 9th Edition (2012)

As shown in ***Table 4***, the proposed project is forecast to generate 35 AM peak hour trips, 47 PM peak hour trips and 447 daily trips.

4.3 Project Trip Distribution

The forecast trip distribution for this project is based on the existing traffic patterns of the surrounding streets and intersections as well as potential interactions between the proposed project land use and surrounding land uses, the trip distribution factors contained in Appendix D of the Los Angeles County Congestion Management Program (LACMP, Metro, 2010), as well as engineering judgment. ***Exhibit 5*** shows the proposed forecast trip distribution of proposed project trips.

CONCEPT SITE PLAN

14827-14839 PACIFIC AVENUE
IN THE CITY OF BALDWIN PARK
COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

Source: Land Development Consultants (Mar 2015)

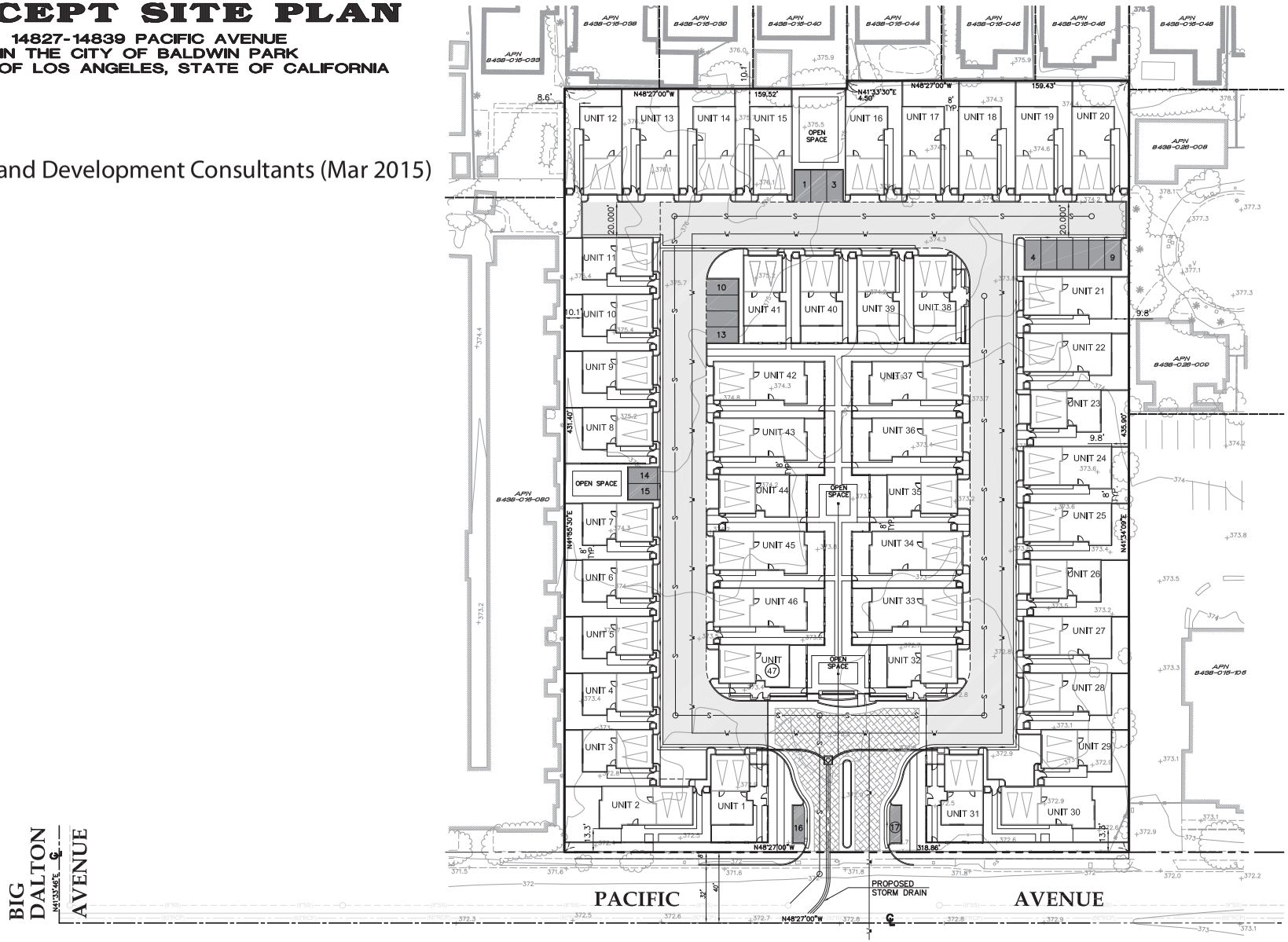


Exhibit 4: Proposed Project Site Plan

LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

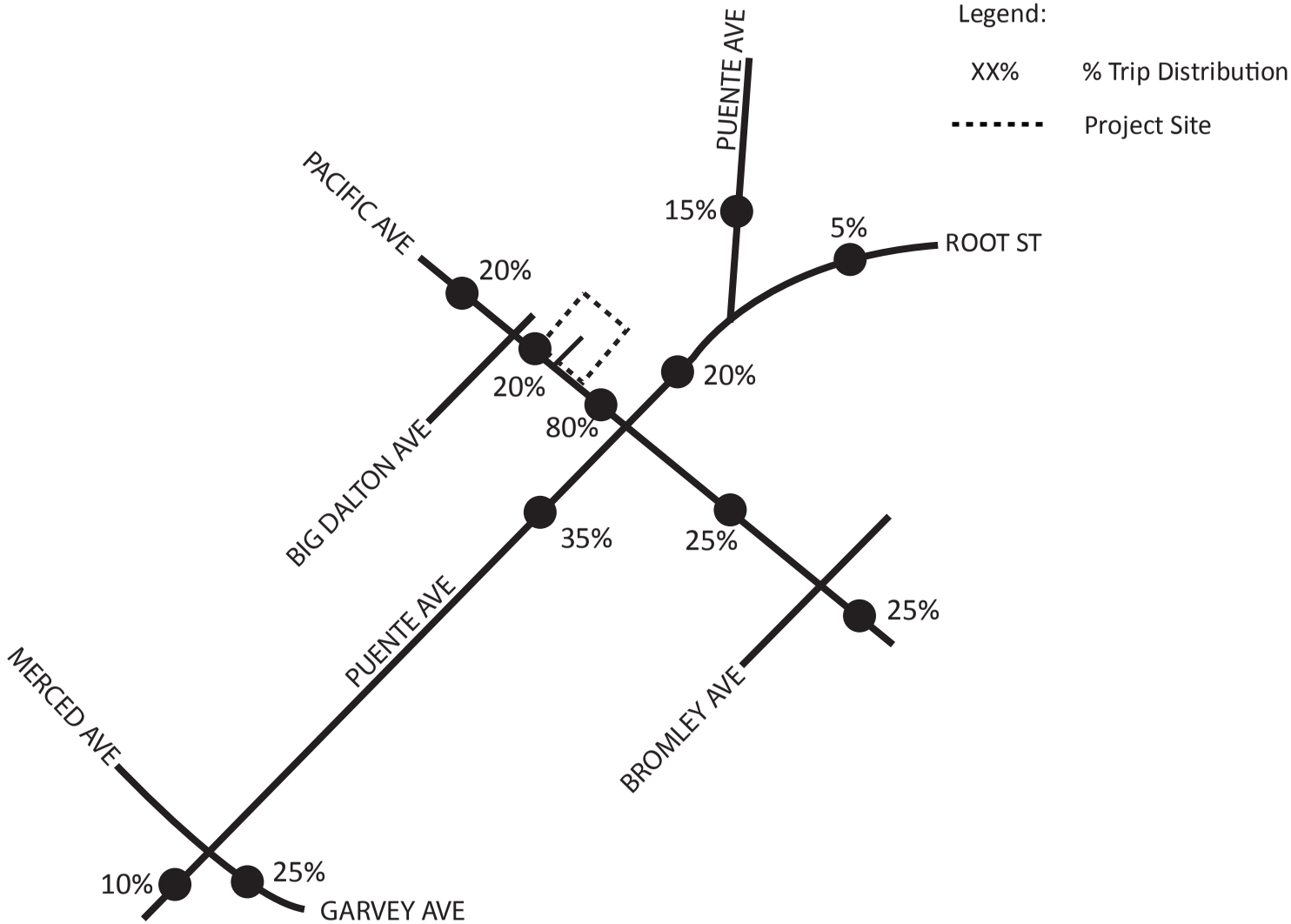


Exhibit 5: Forecast Trip Distribution of Proposed Project

LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

4.4 Modal Split

While Foothill Transit bus routes and the Baldwin Park shuttle have stops at the Pacific Avenue/Puente Avenue intersection and the proposed project is approximately ½ of a mile from the Baldwin Park Metrolink station, the traffic reducing potential of public transit, walking and bicycling have not been considered in this analysis since transit is expected to capture only a small percentage of the proposed project's trips.

4.5 Project Trip Assignment

Exhibit 6 shows the corresponding projected AM/PM peak hour trip assignment of project trips.

5.0 Existing Plus Project Conditions

Existing plus project conditions analysis is intended to identify the project-related impacts on the existing circulation system.

5.1 ROADWAY IMPROVEMENTS

The lane configurations and traffic controls assumed to be in place for the *existing plus project* scenario are consistent with those previously shown in ***Exhibit 2***, with the exception of project driveway assumed to be constructed by the proposed project to provide site access.

5.2 EXISTING PLUS PROJECT TRAFFIC VOLUMES

Existing plus project volumes include existing traffic volumes plus the addition of the traffic projected to be generated by the proposed project.

Exhibit 7 shows *existing plus project* AM and PM peak hour volumes at the study intersections.

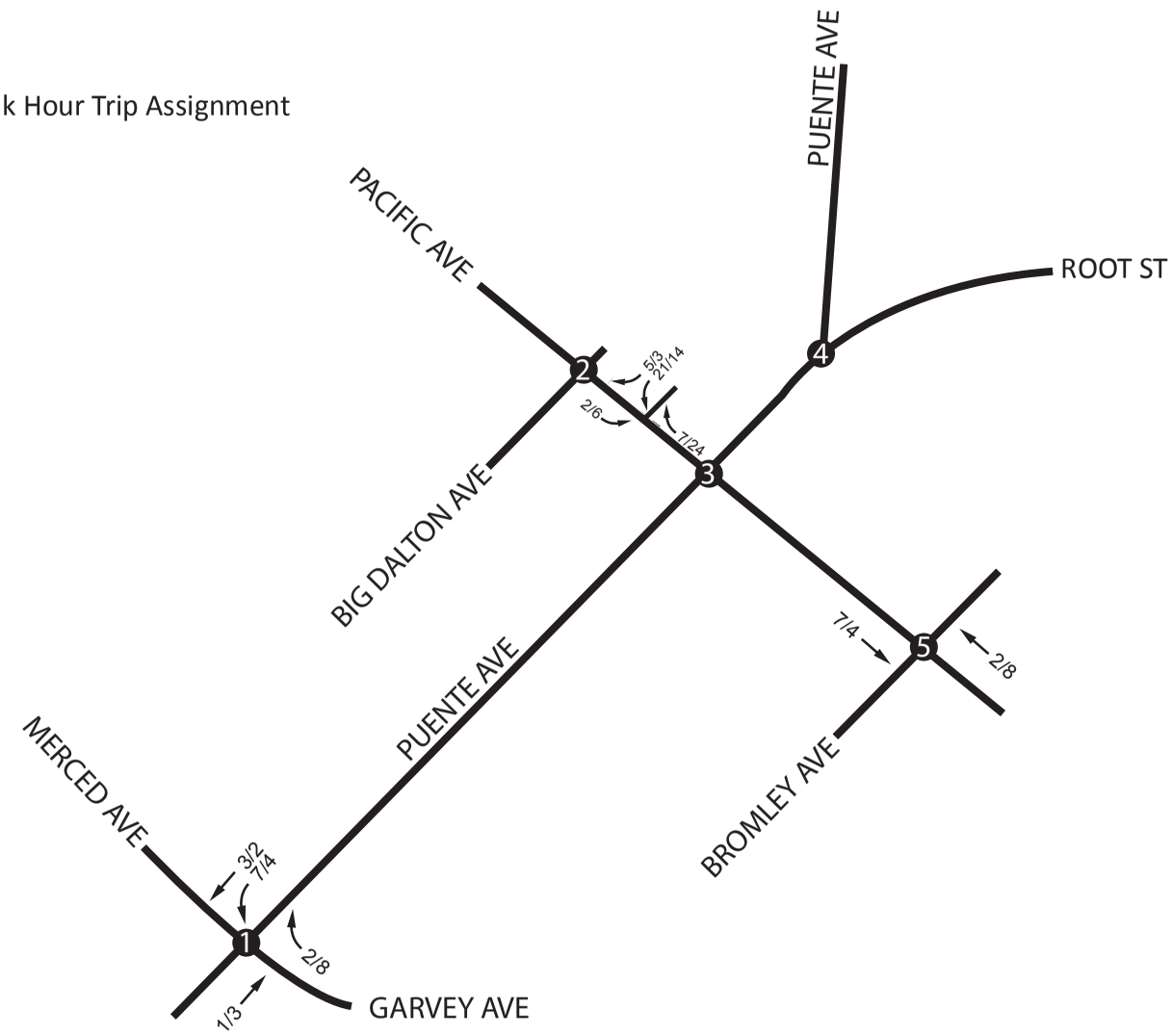
5.3 EXISTING PLUS PROJECT CONDITIONS INTERSECTION LEVEL OF SERVICE ANALYSIS

Existing plus project conditions AM and PM peak hour intersection analysis is shown in ***Table 5.*** Calculations are based on the existing geometrics at the study area intersections as shown in ***Exhibit 2.*** HCM analysis sheets are provided in ***Appendix D***.

Legend:

- - - - - - Project Site

XX/XX AM/PM Peak Hour Trip Assignment



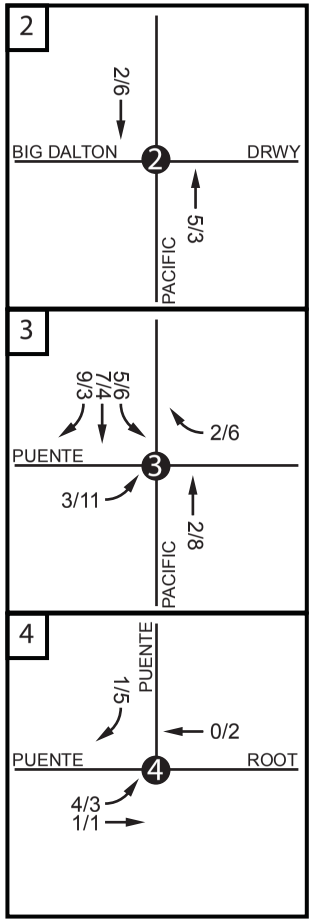


Exhibit 6: Forecast Proposed Project AM/PM Peak Hour Trip Assignment

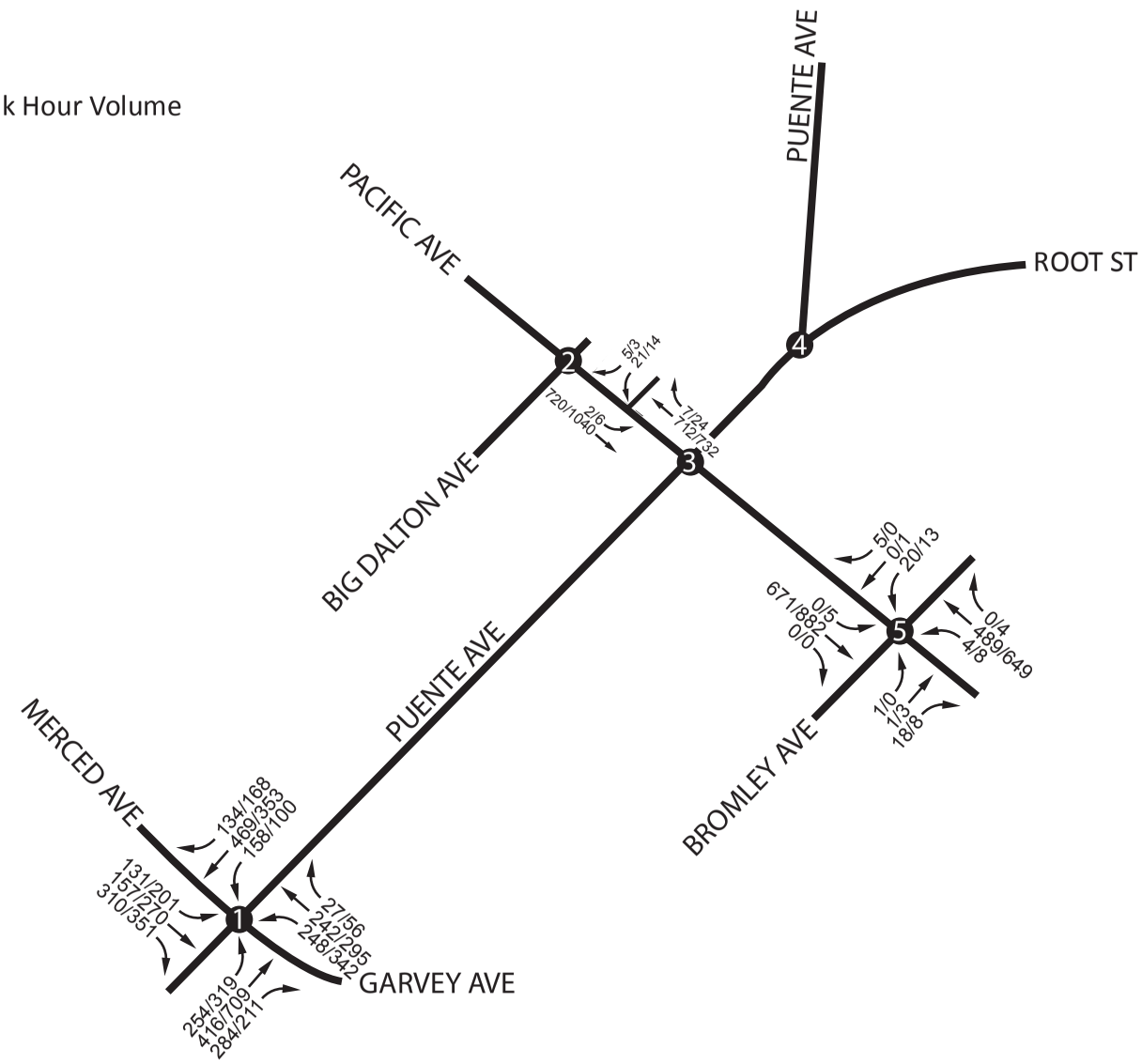
LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

Legend:

- - - - - - Project Site

XX/XX AM/PM Peak Hour Volume



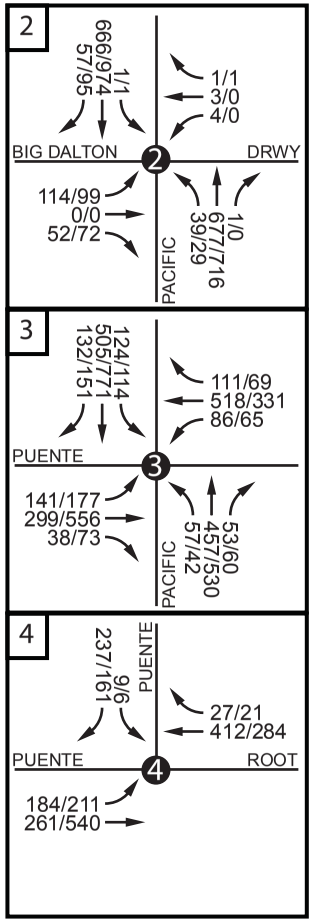


Exhibit 7: Existing Plus Project AM/PM Peak Hour Intersection Volumes

LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

Table 5
Intersection Analysis – Existing Plus Project Conditions

Intersection	Control Type	Existing				Existing Plus Project			
		V/C or Delay[1]		LOS		V/C or Delay[1]		LOS	
		AM	PM	AM	PM	AM	PM	AM	PM
Merced Ave/Puente Ave	Signal	0.726	0.800	C	C	0.727	0.800	C	C
Pacific Ave/Big Dalton Ave	Signal	0.456	0.557	A	A	0.457	0.559	A	A
Pacific Ave/Puente Ave	Signal	0.615	0.648	B	B	0.619	0.652	B	B
Root St/Puente Ave	AWSC	16.0	11.6	C	B	16.1	11.8	C	B
Pacific Ave/Bromley Ave	Signal	0.335	0.394	A	A	0.337	0.396	A	A
Pacific Ave/Project Drwy	TWSC	Not Applicable				21.6	27.2	C	D

Note: AWSC = All-Way Stop-Control, TWSC = One-or-Two-Way Stop-Control, Delay shown in seconds per vehicle
1 = Per the 2010 Highway Capacity Manual, overall average delay and LOS are shown for signalized and all-way stop-controlled intersections. For intersections with one-or-two-way stop-control, the delay and LOS for the worst individual movement is shown.

As shown in ***Table 5***, the intersections are projected to continue to operate at an acceptable LOS (LOS D or better) during the AM and PM peak hours for *existing plus project* conditions.

Based on the thresholds of significance previously discussed in section 2.4, the addition of project generated trips does not result in a significant impact at any of the study intersections for *existing plus project conditions.*

6.0 Project Opening Year (2017) Without Project Conditions

Project opening year without projection conditions is intended to set the baseline for identifying cumulative project-related impacts on the planned near-term circulation system. The proposed project is expected to be built and generating trips in 2017.

6.1 ROADWAY IMPROVEMENTS

The lane configurations and traffic controls assumed to be in place for the *project opening year without project* scenario are consistent with those previously shown in ***Exhibit 2*.**

6.2 PROJECT OPENING YEAR WITHOUT PROJECT TRAFFIC VOLUMES

Since the proposed project is expected to be generating trips in 2017*, project opening year (2017) without project* traffic volumes were derived by applying an annual growth rate of 0.82 percent per year, for two years, to existing (2015) traffic volumes consistent with Exhibit D-1 (General Traffic Volume Growth Factors) in Appendix D of the *Los Angeles County Congestion Management Program (Los Angeles County Metropolitan Transit Authority, 2010).*

Exhibit 8 shows *project opening year without project* AM and PM peak hour volumes at the study intersections.

6.3 PROJECT OPENING YEAR WITHOUT PROJECT INTERSECTION LEVEL OF SERVICE ANALYSIS

Project opening year without project conditions AM and PM peak hour intersection analysis is shown in ***Table 6***. HCM analysis sheets are provided in ***Appendix D***.

Table 6
Intersection Analysis – Project Opening Year Without Project Conditions

Intersection	Control Type	AM Peak Hour	PM Peak Hour
		V/C (Delay) - LOS	V/C (Delay) - LOS
Merced Ave/Puente Ave	Signal	0.739 – C	0.814 – D
Pacific Ave/Big Dalton Ave	Signal	0.463 – A	0.566 – A
Pacific Ave/Puente Ave	Signal	0.622 – B	0.659 – B
Root St/Puente Ave	AWSC	16.6 – C	11.9 – B
Pacific Ave/Bromley Ave	Signal	0.340 – A	0.400 – A

Note: AWSC = All-Way Stop-Control, Delay shown in seconds per vehicle

As shown in ***Table 6***, the intersections are projected to operate at an acceptable LOS (LOS D or better) during the AM and PM peak hours for *project opening year without project* conditions.

7.0 Project Opening Year (2017) With Project Conditions

Project opening year with project conditions analysis is intended to identify cumulative project-related impacts on the planned near-term circulation system. The proposed project is expected to be built and generating trips in 2017.

7.1 ROADWAY IMPROVEMENTS

The lane configurations and traffic controls assumed to be in place for the *project opening year with project* scenario are consistent with those previously shown in ***Exhibit 2***, with the exception of project driveways and other facilities assumed to be constructed by the proposed project to provide site access.

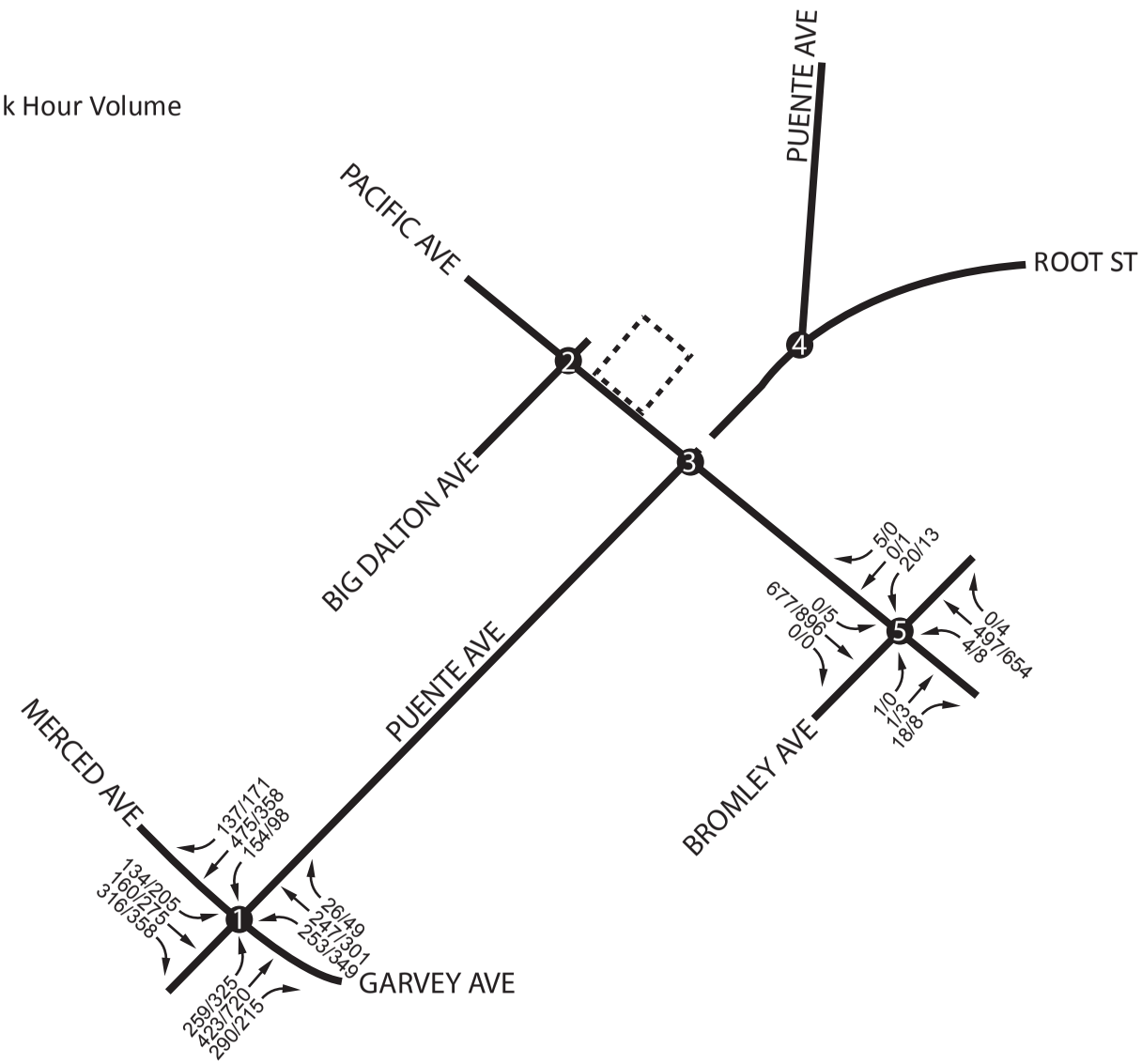
7.2 PROJECT OPENING YEAR WITH PROJECT TRAFFIC VOLUMES

Project opening year (2017) with project traffic volumes were derived by adding forecast project generated trips to *project opening year (2017) without project* volumes. ***Exhibit 9*** shows *project opening year (2017) with project* AM and PM peak hour volumes at the study intersections.

Legend:

- - - - - - Project Site

XX/XX AM/PM Peak Hour Volume



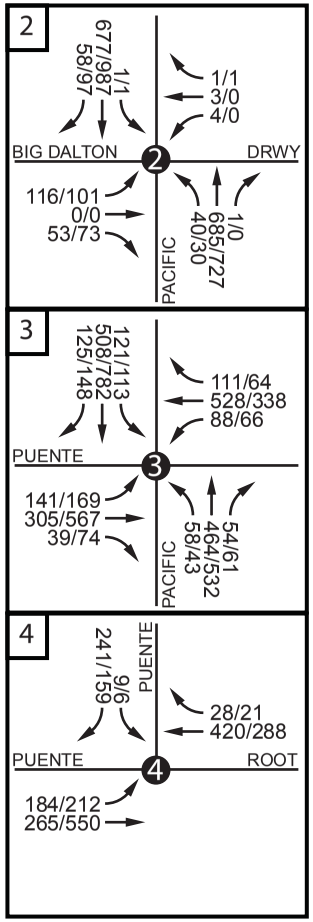


Exhibit 8: Project Opening Year
Without Project AM/PM Peak Hour Intersection Volumes

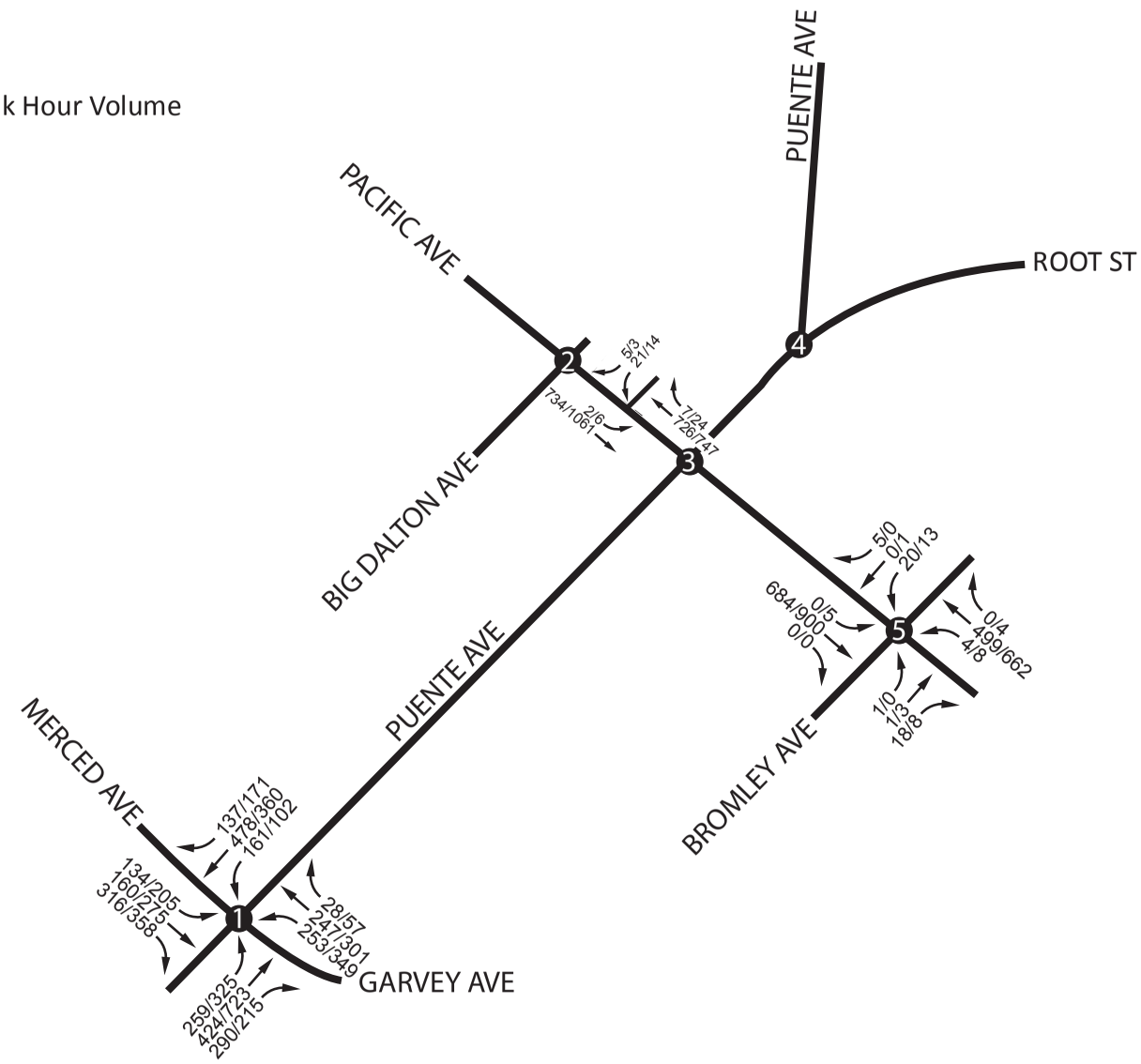
LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

Legend:

- - - - - - Project Site

XX/XX AM/PM Peak Hour Volume



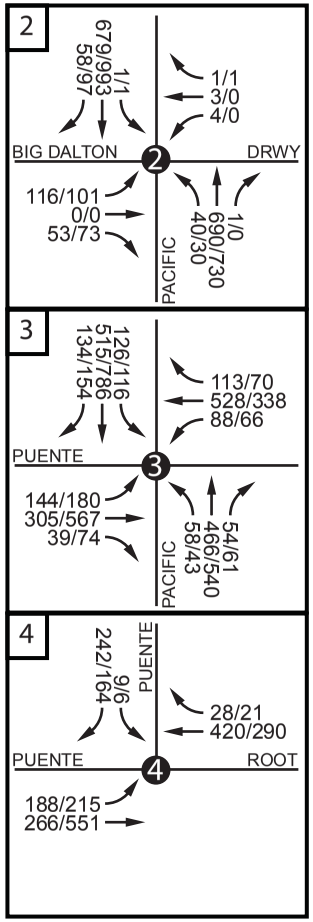


Exhibit 9: Project Opening Year
With Project AM/PM Peak Hour Intersection Volumes

LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

7.3 PROJECT OPENING YEAR WITH PROJECT INTERSECTION LEVEL OF SERVICE ANALYSIS

Project opening year with project conditions AM and PM peak hour intersection analysis is shown in ***Table 7***. HCM analysis sheets are provided in ***Appendix D***.

Table 7
Intersection Analysis – Project Opening Year With Project Conditions

Intersection	Control Type	Project Opening Year Without Project				Project Opening Year With Project			
		V/C or Delay[1]		LOS		V/C or Delay[1]		LOS	
		AM	PM	AM	PM	AM	PM	AM	PM
Merced Ave/Puente Ave	Signal	0.739	0.814	C	D	0.740	0.814	C	D
Pacific Ave/Big Dalton Ave	Signal	0.463	0.566	A	A	0.464	0.568	A	A
Pacific Ave/Puente Ave	Signal	0.622	0.659	B	B	0.630	0.663	B	B
Root St/Puente Ave	AWSC	16.6	11.9	C	B	16.7	12.0	C	B
Pacific Ave/Bromley Ave	Signal	0.340	0.400	A	A	0.342	0.402	A	A
Pacific Ave/Project Drwy	TWSC	Not Applicable				22.1	28.2	D	D

Note: AWSC = All-Way Stop-Control, TWSC = One-or-Two-Way Stop-Control, Delay shown in seconds per vehicle
1 = Per the 2010 Highway Capacity Manual, overall average delay and LOS are shown for signalized and all-way stop-controlled intersections. For intersections with one-or-two-way stop-control, the delay and LOS for the worst individual movement is shown.

As shown in ***Table 7***, the intersections are projected to continue to operate at an acceptable LOS (LOS D or better) during the AM and PM peak hours for *project opening year with project* conditions.

Based on the thresholds of significance previously discussed in section 2.4, the addition of project generated trips does not result in a significant impact at any of the study intersections for *project opening year with project conditions.*

8.0 Forecast Year 2030 Without Project Conditions

Assessment of *Forecast Year 2030 Without Project* conditions with and without the proposed project will determine if the City of Baldwin Park Circulation Element is adequate to accommodate future traffic at the target LOS or if additional mitigation is necessary.

8.1 ROADWAY IMPROVEMENTS

The existing lane configurations and traffic controls assumed to be in place for existing conditions and previously shown in ***Exhibit 2***.

8.2 FORECAST YEAR 2030 WITHOUT PROJECT TRAFFIC VOLUMES

Forecast Year 2030 without project traffic volumes were derived by applying an annual growth rate of 0.82 percent per year, for fifteen years to existing (2015) traffic volumes consistent with Exhibit D-1 (General Traffic Volume Growth Factors) in Appendix D of the *Los Angeles County Congestion Management Program (Los Angeles County Metropolitan Transit Authority, 2010), .*

Exhibit 10 shows *Forecast Year 2030 without project* AM and PM peak hour volumes at the study intersections.

8.3 FORECAST YEAR 2030 WITHOUT PROJECT INTERSECTION LEVEL OF SERVICE ANALYSIS

Project opening year with project conditions AM and PM peak hour intersection analysis is shown in ***Table 8***. HCM analysis sheets are provided in ***Appendix D***.

Table 8
Intersection Analysis – Forecast Year 2030 Without Project Conditions

Intersection	Control Type	AM Peak Hour	PM Peak Hour
		V/C (Delay) - LOS	V/C (Delay) - LOS
Merced Ave/Puente Ave	Signal	0.808 – D	0.891 – D
Pacific Ave/Big Dalton Ave	Signal	0.502 – A	0.617 – B
Pacific Ave/Puente Ave	Signal	0.682 – B	0.720 – C
Root St/Puente Ave	AWSC	22.0 – C	13.3 – B
Pacific Ave/Bromley Ave	Signal	0.366 – A	0.433 – A

Note: AWSC = All-Way Stop-Control, Delay shown in seconds per vehicle

As shown in ***Table 8***, the study intersections are projected to operate at an acceptable LOS (LOS D or better) during the AM and PM peak hours for *Forecast year 2030 without project* conditions.

9.0 Forecast Year 2030 With Project Conditions

Assessment of *forecast year 2030* conditions with and without the proposed project will determine if the City of Baldwin Park Circulation Element is adequate to accommodate future traffic at the target LOS or if additional mitigation is necessary.

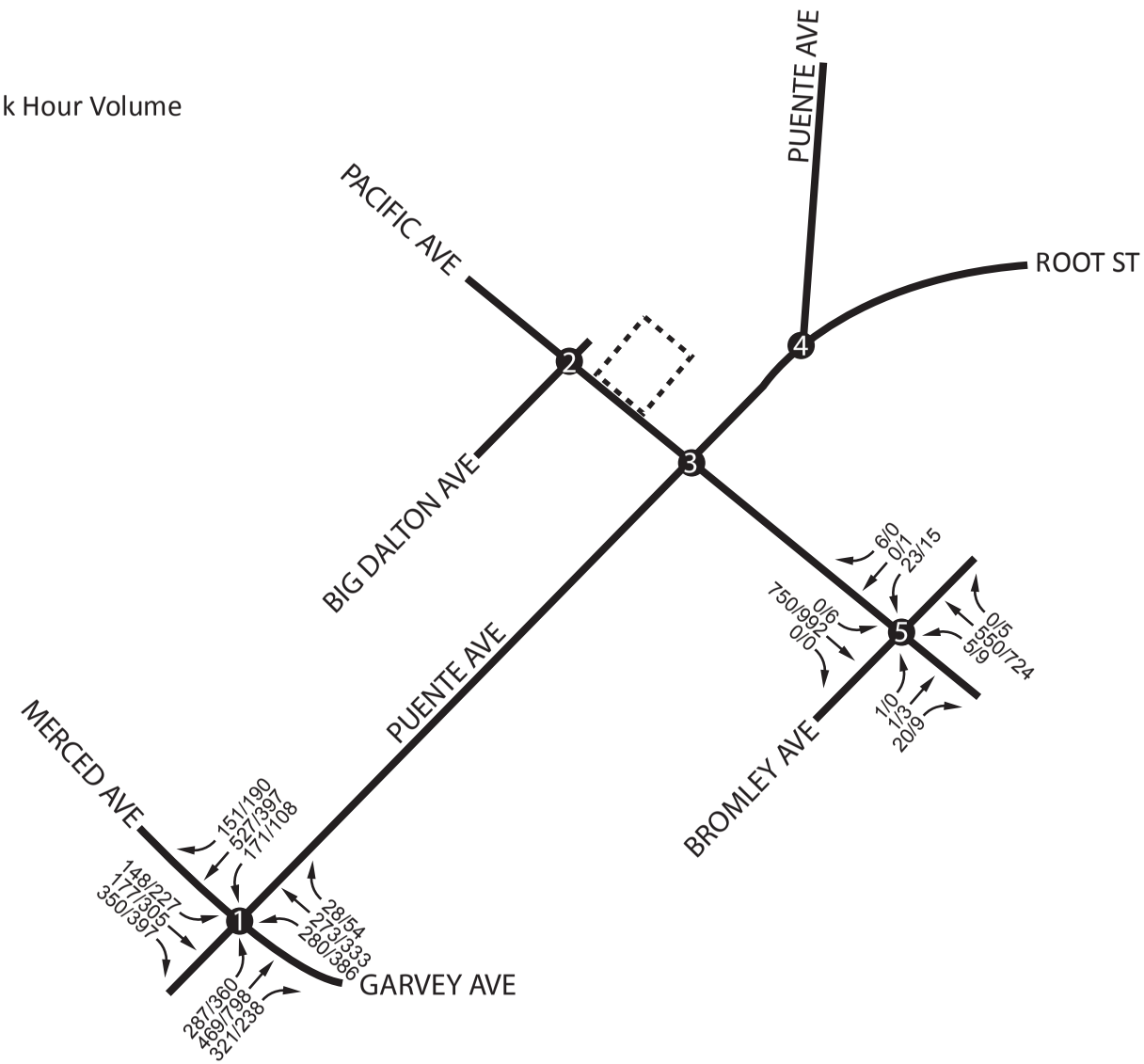
9.1 ROADWAY IMPROVEMENTS

The existing lane configurations and traffic controls assumed to be in place for existing conditions and previously shown in ***Exhibit 2***, with the exception of project driveways and other facilities assumed to be constructed by the proposed project to provide site access.

Legend:

- - - - - - Project Site

XX/XX AM/PM Peak Hour Volume



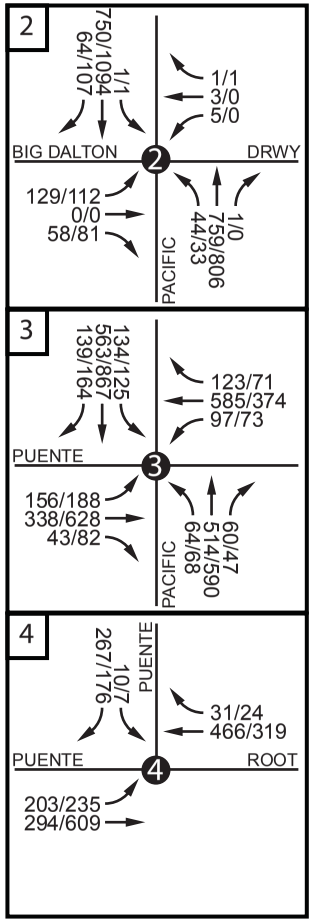


Exhibit 10: Forecast Year 2030
Without Project AM/PM Peak Hour Intersection Volumes

LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

9.2 FORECAST YEAR 2030 WITH PROJECT TRAFFIC VOLUMES

Forecast year 2030 with project volumes include *forecast year 2030 without project* traffic volumes plus the addition of the traffic projected to be generated by the proposed project, plus the addition of net traffic projected to be generated by the adjacent parcels if they are rezoned from their current land uses/zoning designations to R3.

9.2.1 Adjacent Parcel Information and Potential Increase in Trip Generation

Currently there is an existing Church and three single family dwelling units adjacent to the proposed project site. The City of Baldwin Park has requested that the potential traffic-related impacts of rezoning these properties to R3 from their current zoning be assessed in this analysis.

Table 9 summarizes the current land use/zoning for the adjacent parcels and the potential future (R3) zoning for the parcels, and compares the number of dwelling units that could be constructed under current zoning to the number that could be constructed based on the potential future zoning.

Table 9
Adjacent Parcel Information

Existing Land Use	Parcel Size	Current Zoning			Potential Future Zoning		
		Zoning	Max DU allowed per acre	Potential Dwelling Units	Zoning	Max DU allowed per acre	Potential Dwelling Units
Church	1.69 aces	MU-2	30	51	R3	20	34
Single Family Dwelling Unit	8,400 square feet	MU-2	15*	3	R3	20	4
Single Family Dwelling Unit	8,400 square feet	MU-2	15*	3	R3	20	4
Single Family Dwelling Unit	7,000 square feet	MU-2	15*	2	R3	20	3
			Total	59		Total	45

Note: * = Parcels less than 15,000 square feet in an MU-2 zone may only build at a density of 15 units per acre

As shown in ***Table 9***, rezoning of the church parcel would represent a downzoning in terms of potential residential intensity, as well as a decrease in flexibility for the parcel as commercial uses would no longer be permitted. Rezoning the single family parcels to R3 would increase the development potential of those sites. Overall, the number of dwelling units that could be constructed on the adjacent parcels would decrease if they were all rezoned from MU2 to R3..

To present a conservative analysis of the proposed project's long-term impacts, *forecast year 2030 with project volumes* include the addition of project generated trips as previously shown in ***Table 4***, as well as the addition of trips projected to be generated by an additional 59 dwelling units (44 AM peak hours trips and 59 PM peak hour trips).

Exhibit 11 shows *General Plan buildout with project* AM and PM peak hour volumes at the study intersections.

9.3 FORECAST YEAR 2030 WITH PROJECT INTERSECTION LEVEL OF SERVICE ANALYSIS

Forecast year 2030 with project conditions AM and PM peak hour intersection analysis is shown in ***Table 10***. HCM analysis sheets are provided in ***Appendix D***.

Table 10
Intersection Analysis – Forecast Year 2030 With Project Conditions

Intersection	Control Type	Forecast Year 2030 Without Project				Forecast Year 2030 With Project			
		V/C or Delay[1]		LOS		V/C or Delay[1]		LOS	
		AM	PM	AM	PM	AM	PM	AM	PM
Merced Ave/Puente Ave	Signal	0.808	0.891	D	D	0.809	0.892	D	D
Pacific Ave/Big Dalton Ave	Signal	0.502	0.617	A	B	0.503	0.621	A	B
Pacific Ave/Puente Ave	Signal	0.682	0.720	B	C	0.697	0.734	B	C
Root St/Puente Ave	AWSC	22.0	13.3	C	B	22.4	13.6	C	B
Pacific Ave/Bromley Ave	Signal	0.366	0.433	A	A	0.370	0.436	A	A
Pacific Ave/Project Drwy	TWSC	Not Applicable				30.4	31.0	D	D

Note: AWSC = All-Way Stop-Control, TWSC = One-or-Two-Way Stop-Control, Delay shown in seconds per vehicle
1 = Per the 2010 Highway Capacity Manual, overall average delay and LOS are shown for signalized and all-way stop-controlled intersections. For intersections with one-or-two-way stop-control, the delay and LOS for the worst individual movement is shown.

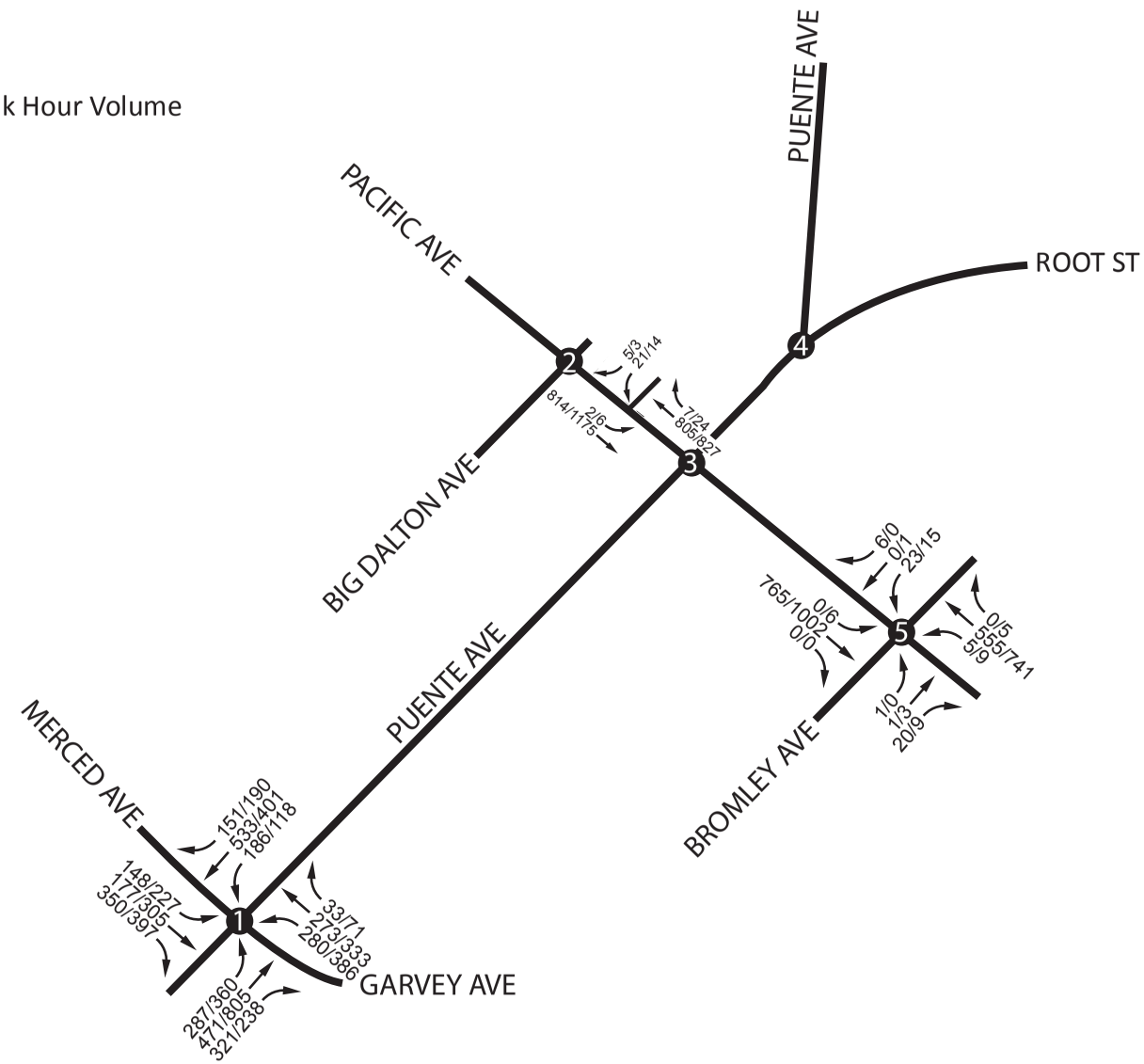
As shown in ***Table 10***, the study intersections are projected to continue to operate at an acceptable LOS (LOS D or better) during the AM and PM peak hours for *forecast year 2030 with project* conditions.

Based on the thresholds of significance for previously discussed in section 2.4, the addition of project generated trips does not result in a significant impact at any of the study intersections for *forecast year 2030 with conditions.*

Legend:

- - - - - - Project Site

XX/XX AM/PM Peak Hour Volume



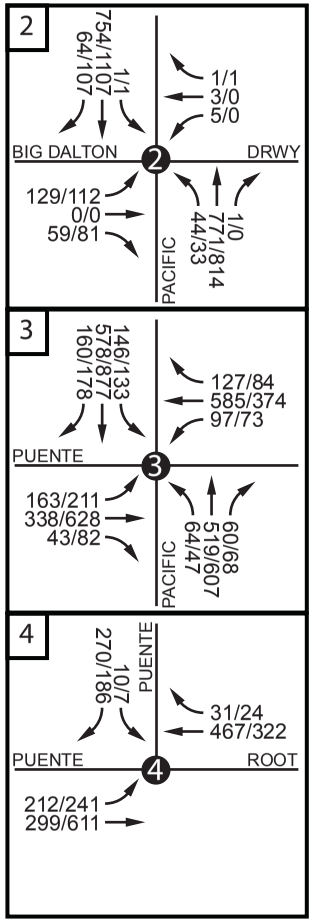


Exhibit 11: Forecast Year 2030
With Project AM/PM Peak Hour Intersection Volumes

LDC-15-001 14827-14839 Pacific Traffic Impact Analysis

Not to Scale

10.0 Los Angeles Congestion Management Program Analysis

According to the CMP *(Los Angeles County Metropolitan Transportation Authority, July 2010)*, those proposed projects, which meet the following criteria, shall be evaluated:

- All CMP arterial monitoring intersections, including monitored freeway on or off-ramp intersections, where the proposed project will add 50 or more trips during either the AM or PM weekday peak hours (of adjacent street traffic).
- Mainline freeway monitoring locations where the project will add 150 or more trips, in either direction, during either the AM or PM weekday peak hours.

No CMP monitored intersections are forecast to receive 50 or more project-generated trips during either the AM peak hour or the PM peak hour as shown in ***Exhibit 6***. Since the project is forecast to generate approximately 35 net new AM peak hour trips and approximately 47 net new PM peak hour trips, no CMP mainline freeway monitoring location is forecast to receive 150 or more project-generated trips during either the AM peak hour or the PM peak hour. Therefore, the proposed project is forecast to have no significant CMP traffic impacts.

CMP Transit Impacts

The following transit services are available in the vicinity of the proposed project site:

- Foothill Transit fixed bus line 178 which travels along Pacific Avenue adjacent to the project site.
- Foothill Transit fixed bus line 274 which travels along Pacific Avenue adjacent to the project site.
- The Baldwin Park Transit Pumpkin and Teal shuttles, which run along Puente Avenue southeast of the project site.

Additionally, the Baldwin Park Metrolink station, which provides peak period service to Downtown Los Angeles, is approximately ½ mile from the proposed project site.

Detailed transit information is contained in ***Appendix B***. The proposed project is forecast to generate approximately 447 net new daily trips, which include approximately 35 net new AM peak hour trips and approximately 47 net new PM peak hour trips. In accordance with CMP guidelines, person trips can be estimated using a 1.4 factor to convert total vehicle trips to person trips, which results in a total of approximately 133 AM peak hour person trips, approximately 120 PM peak hour person trips, and approximately 1,596 daily person trips generated by the project. Based on CMP guidelines for determining trips assigned to transit, the following factor applicable to the proposed project it utilized:

- 3.5 percent of Total Person Trips Generated.

Table 11 shows the calculation of project-generated transit trips, utilizing CMP guidelines.

Table 11
14827-14839 Pacific Avenue Project – Transit Trip Generation

	AM Peak Hour Trips	PM Peak Hour Trips	Daily Trips
Proposed Project Vehicle Trip Generation	35	47	447
Person Trips Conversion Factor	1.4	1.4	1.4
Proposed Project Person Trips	49	66	626
Transit Trip Conversion Factor	3.5%	3.5%	3.5%
Proposed Project Transit Trip Generation	2	3	22

As shown in ***Table 11***, based on the CMP guidelines, and the proximity of the various project land uses in relation to available transit in the project vicinity, the proposed project is forecast to generate approximately 2 AM peak hour transit trips, approximately 3 PM peak hour transit trips, and approximately 22 daily transit trips. Since the proposed project transit trips can be accommodated by existing transit service in the project vicinity, no significant CMP transit impacts are forecast to occur.

11.0 Parking

As shown in the project site plan (**Exhibit 4**), the residential portion of the site will have 94 garage parking spaces (two spaces per unit) and 17 open visitor parking spaces. Per the City of Baldwin Park Zoning Code section 153.150.40 (Number of Parking Spaces Required), Single-family dwelling units are required to have 2 garage spaces/dwelling unit, plus 1 additional garage or surface space when dwelling units contains 5 or more bedrooms. Since the proposed project dwelling units consists of 3-4 bedroom units, 2 garage spaces would be required per unit. For the 47 units planned, 94 garage spaces would be required; therefore the 94 garage spaces provided meet City Code requirements.

For single family dwelling units, there is no established requirement for guest parking, however the City does require 1 guest space for every 3 dwelling units for other types of residential construction. The 17 visitor parking spaces provided by the proposed project exceed the City code requirements of 16 guest parking spaces (47 units/3 = 16). Therefore, the proposed project meets or exceeds City requirements for both assigned and guest parking.

Appendices

APPENDIX A

CITY OF BALDWIN PARK GENERAL PLAN ROADWAY CLASSIFICATIONS

North

0 1000' 2000'

City Boundary

Sphere of Influence

Arterial

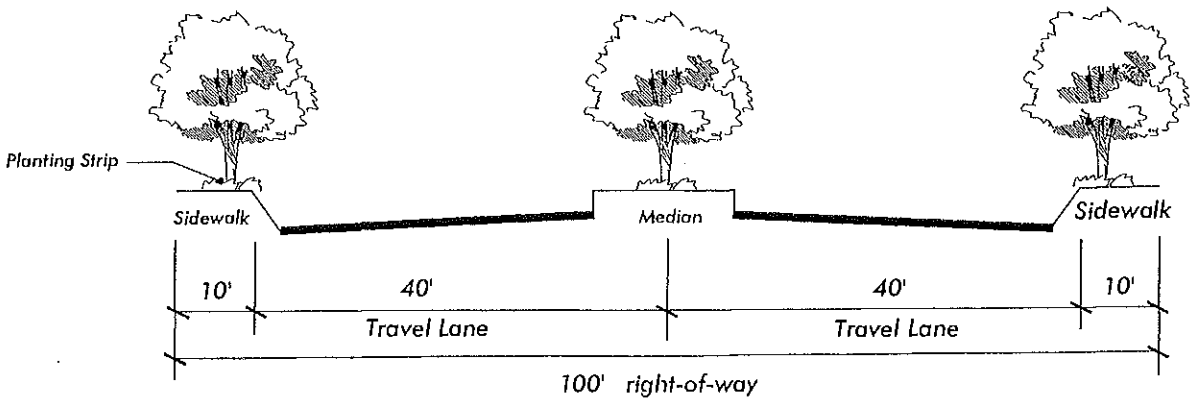
Collector/Industrial

Special Study Area

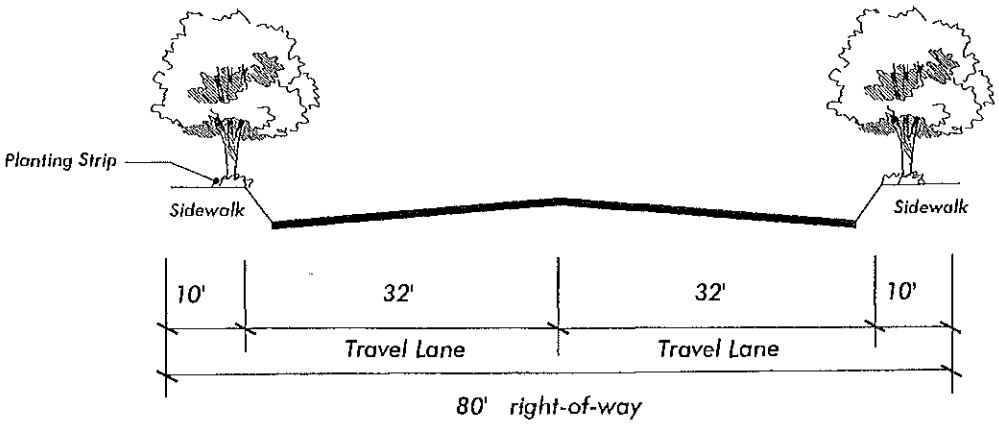
BALDWIN PARK

Figure C- 1
Master Plan of Arterial and Collector Roadways

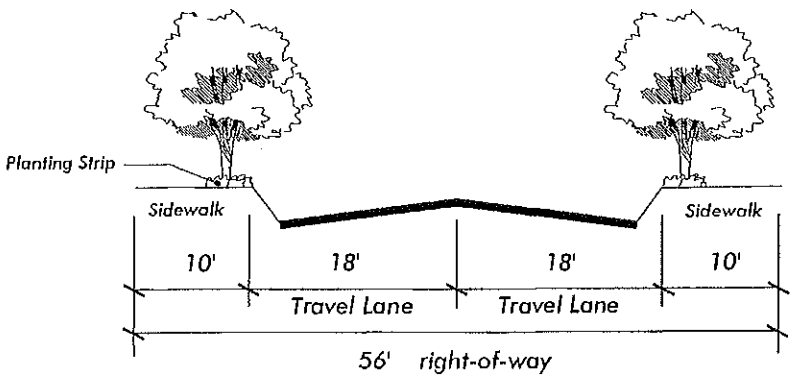
Arterial Street: 100' right-of-way



Collector / Industrial: 80'right-of-way



Residential: 60' right-of-way



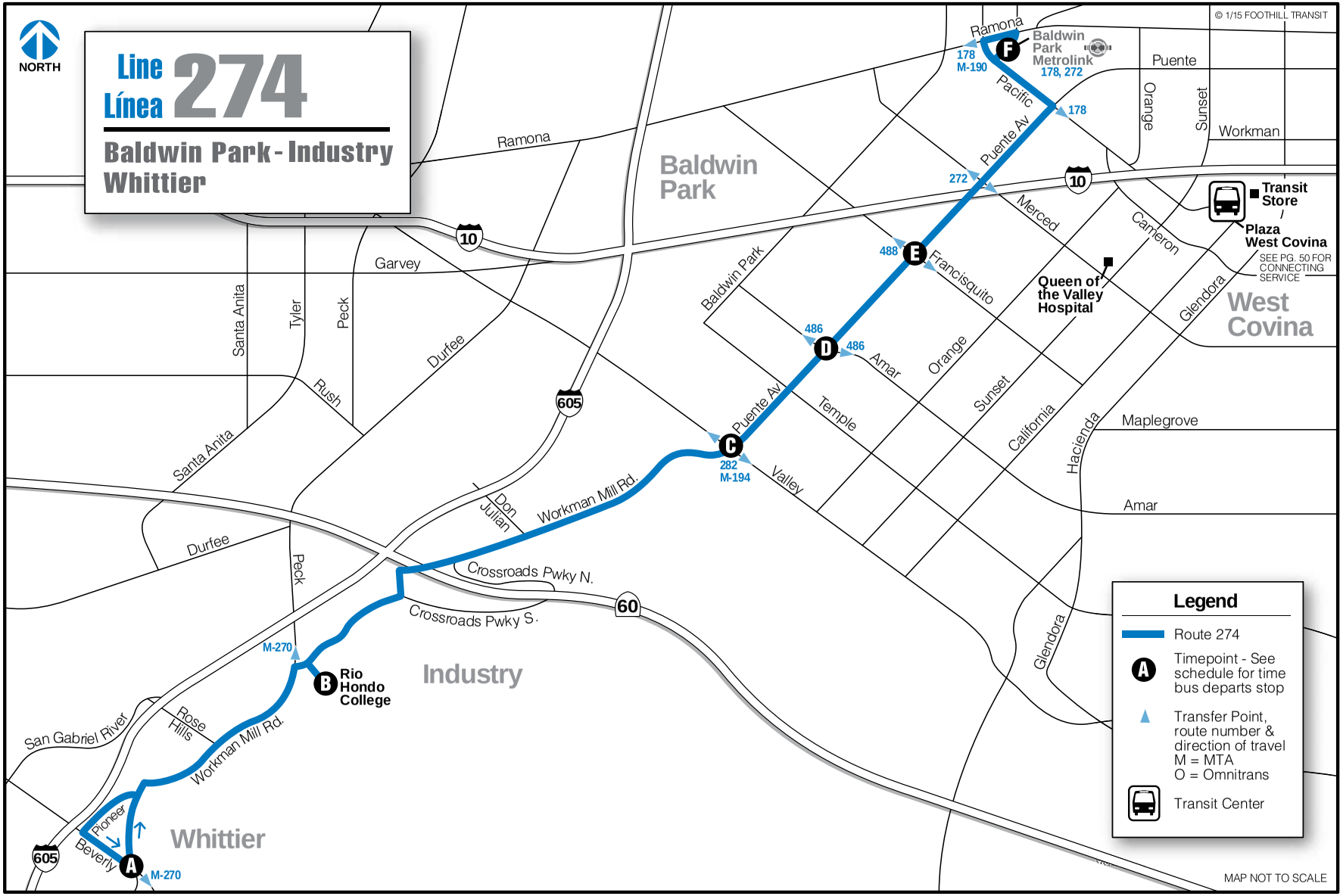
Note: Right-of-way widths represent maximums. City reserves the right to develop narrower streets consistent with land use goals for pedestrian districts and within residential subdivisions.

BALDWIN PARK

Figure C-2
Standard Street Cross Sections

APPENDIX B

TRANSIT INFORMATION


NORTH
Line
Línea
274
Baldwin Park - Industry
Whittier
© 1/15 FOOTHILL TRANSIT
Baldwin Park
Baldwin Park Metrolink
178, 272
178
M-190
Ramona
Pacific
Puente Av.
Puente
Orange
Sunset
Workman
272
10
Merced
Cameron
Transit Store
/
Plaza West Covina
SEE PG. 50 FOR CONNECTING SERVICE
Queen of the Valley Hospital
West Covina
Glendora
488
Francisquito
Baldwin Park
486
Amar
Temple
Sunset
California
Hacienda
Maplegrove
Amar
Valley
282
M-194
605
Garvey
Santa Anita
Tyler
Peck
Durfee
Rush
Don Julian
Workman Mill Rd.
Crossroads Pwky N.
Crossroads Pwky S.
60
Industry
M-270
Rio Hondo College
Rose Hills
San Gabriel River
Pioneer
Beverly
Whittier
Legend
Route 274
Timepoint - See schedule for time bus departs stop
Transfer Point, route number & direction of travel
M = MTA
O = Omnitrans
Transit Center
MAP NOT TO SCALE

Line | Línea 274

Weekday - Entre Semana

Northbound to Baldwin Park

En Dirección Norte Hacia Baldwin Park

Leave Whittier — **Arrive Baldwin Park**

A Beverly Blvd. & Norwalk Blvd.	B Rio Hondo College	C Puente Ave. & Valley Blvd.	D Puente Ave. & Amar Rd.	E Puente Ave. & Francisquito Ave.	F Baldwin Park Metrolink
5:00	5:04	5:15	5:18	5:21	5:32
6:00	6:05	6:16	6:20	6:23	6:36
6:45	6:50	7:01	7:05	7:08	7:21
7:45	7:50	8:01	8:05	8:08	8:20
8:45	8:50	9:01	9:05	9:08	9:19
9:45	9:50	10:01	10:05	10:08	10:19
10:45	10:50	11:01	11:05	11:08	11:19
11:45	11:50	**12:01**	**12:05**	**12:08**	**12:19**
12:45	**12:50**	**1:01**	**1:05**	**1:08**	**1:19**
1:45	**1:50**	**2:01**	**2:06**	**2:09**	**2:21**
2:45	**2:50**	**3:01**	**3:06**	**3:09**	**3:22**
3:45	**3:50**	**4:01**	**4:05**	**4:08**	**4:22**
4:45	**4:50**	**5:01**	**5:05**	**5:08**	**5:22**
5:45	**5:50**	**6:01**	**6:05**	**6:08**	**6:21**
6:45	**6:50**	**7:01**	**7:05**	**7:08**	**7:21**
7:45	**7:49**	**7:58**	**8:01**	**8:04**	**8:15**
8:45	**8:49**	**8:58**	**9:01**	**9:04**	**9:15**

Weekend/Holiday - Fin de semana y día festivo

6:00	6:07	6:16	6:22	6:28	6:38
7:30	7:37	7:46	7:52	7:58	8:08
9:00	9:07	9:16	9:22	9:28	9:38
10:30	10:37	10:46	10:52	10:58	11:08
11:15	11:22	11:31	11:37	11:43	11:53
12:00	**12:07**	**12:16**	**12:22**	**12:28**	**12:38**
12:45	**12:52**	**1:01**	**1:07**	**1:13**	**1:23**
1:30	**1:37**	**1:46**	**1:52**	**1:58**	**2:08**
2:15	**2:22**	**2:31**	**2:37**	**2:43**	**2:53**
3:00	**3:07**	**3:16**	**3:22**	**3:28**	**3:38**
3:45	**3:52**	**4:01**	**4:07**	**4:13**	**4:23**
4:30	**4:37**	**4:46**	**4:52**	**4:58**	**5:08**
6:00	**6:07**	**6:16**	**6:22**	**6:28**	**6:38**

LIGHT TYPE = AM **BOLD TYPE = PM**

Line | Línea 274

Weekday - Entre Semana

Southbound to Whittier

En Dirección Sur Hacia Whittier

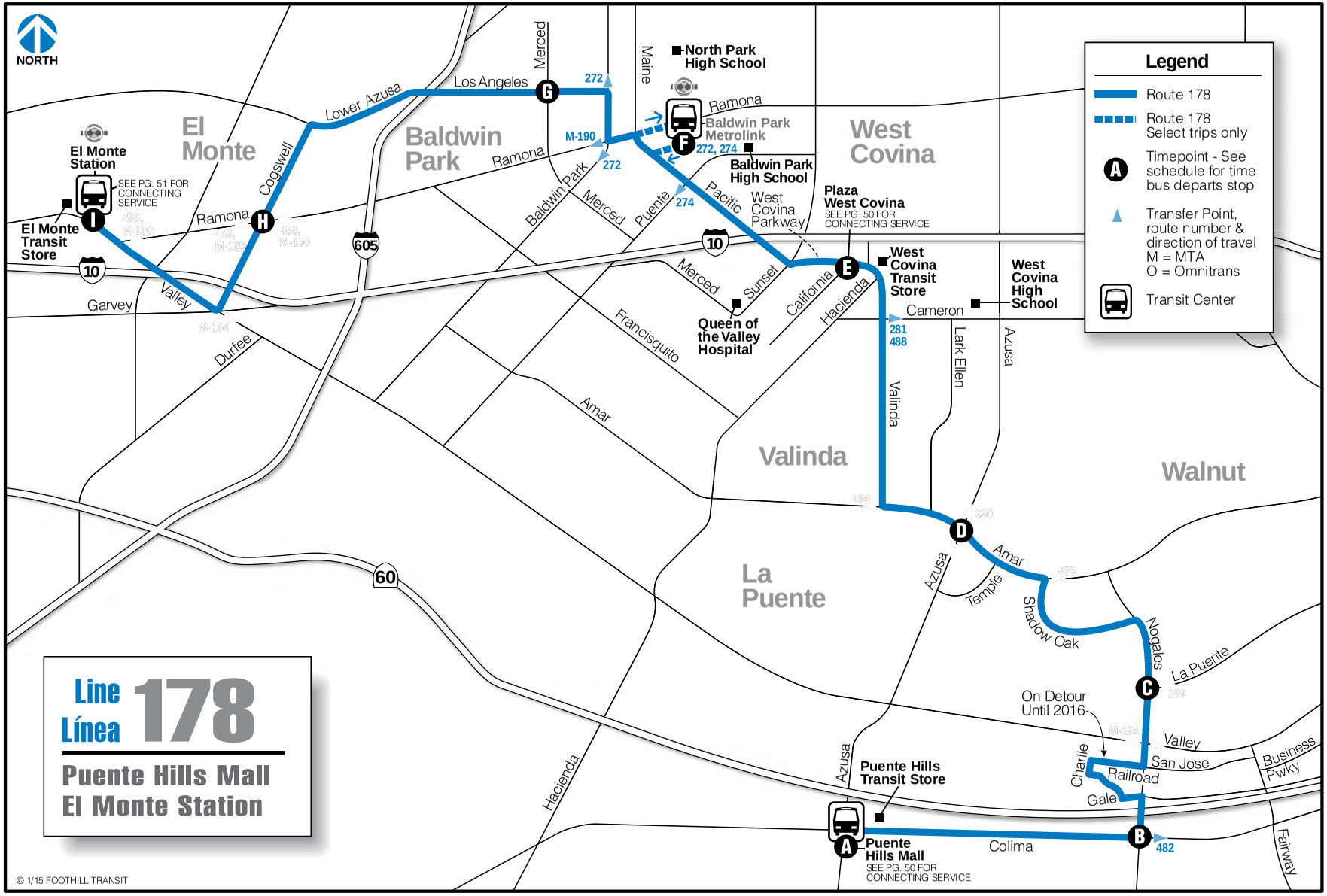
Leave Baldwin Park — **Arrive Whittier**

F Baldwin Park Metrolink	E Puente Ave. & Francisquito Ave.	D Puente Ave. & Amar Rd.	C Puente Ave. & Valley Blvd.	B Rio Hondo College	A Beverly Blvd. & Norwalk Blvd.
5:00	5:06	5:09	5:12	5:20	5:29
6:00	6:06	6:09	6:12	6:21	6:32
6:30	6:36	6:39	6:42	6:51	7:02
7:00	7:06	7:09	7:12	7:21	7:32
8:00	8:06	8:09	8:12	8:21	8:32
9:00	9:06	9:09	9:12	9:21	9:32
10:00	10:06	10:09	10:12	10:21	10:32
11:00	11:06	11:09	11:12	11:21	11:32
12:00	**12:06**	**12:09**	**12:12**	**12:21**	**12:32**
1:00	**1:07**	**1:10**	**1:13**	**1:23**	**1:34**
2:00	**2:07**	**2:10**	**2:13**	**2:23**	**2:34**
3:00	**3:08**	**3:11**	**3:14**	**3:25**	**3:36**
4:00	**4:08**	**4:11**	**4:14**	**4:25**	**4:36**
5:00	**5:08**	**5:11**	**5:14**	**5:25**	**5:36**
6:00	**6:08**	**6:11**	**6:14**	**6:25**	**6:36**
7:00	**7:07**	**7:10**	**7:13**	**7:23**	**7:34**
8:00	**8:07**	**8:10**	**8:13**	**8:22**	**8:31**

Weekend/Holiday - Fin de semana y día festivo

6:43	6:52	6:57	7:03	7:10	7:19
8:13	8:22	8:27	8:33	8:40	8:49
9:43	9:52	9:57	10:03	10:10	10:19
10:28	10:37	10:42	10:48	10:55	11:04
11:13	11:22	11:27	11:33	11:40	11:49
11:58	**12:07**	**12:12**	**12:18**	**12:25**	**12:34**
12:43	**12:52**	**12:57**	**1:03**	**1:10**	**1:19**
1:28	**1:37**	**1:42**	**1:48**	**1:55**	**2:04**
2:13	**2:22**	**2:27**	**2:33**	**2:40**	**2:49**
2:58	**3:07**	**3:12**	**3:18**	**3:25**	**3:34**
3:43	**3:52**	**3:57**	**4:03**	**4:10**	**4:19**
4:28	**4:37**	**4:42**	**4:48**	**4:55**	**5:04**
5:13	**5:22**	**5:27**	**5:33**	**5:40**	**5:49**

LIGHT TYPE = AM **BOLD TYPE = PM**


NORTH
Legend
Route 178
Route 178 Select trips only
Timepoint - See schedule for time bus departs stop
Transfer Point, route number & direction of travel M = MTA O = Omnitrans
Transit Center
Line Línea 178
Puente Hills Mall El Monte Station
El Monte Station
SEE PG. 51 FOR CONNECTING SERVICE
El Monte Transit Store
El Monte
Baldwin Park
West Covina
La Puente
Valinda
Walnut
Lower Azusa
Los Angeles
Merced
Maine
North Park High School
Ramona
Baldwin Park Metrolink
Baldwin Park High School
Pacific
West Covina Parkway
Plaza West Covina
SEE PG. 50 FOR CONNECTING SERVICE
West Covina Transit Store
West Covina High School
Cameron
Queen of the Valley Hospital
Sunset
California
Hacienda
Francisquito
Amar
Valinda
Lark Ellen
Azusa
Temple
Shadow Oak
Nogales
La Puente
On Detour Until 2016
Valley
San Jose
Business Pwky
Charlie
Railroad
Gale
Puente Hills Transit Store
Puente Hills Mall
SEE PG. 50 FOR CONNECTING SERVICE
Colima
Fairway
Hacienda
Durfee
Garvey
Cogswell
605
10
60
272
M-190
274
281
488
482
© 1/15 FOOTHILL TRANSIT

Line | Línea 178

Weekday - Entre Semana

Westbound to El Monte

En Dirección Oeste Hacia El Monte

Leave Industry — **Arrive El Monte**

A Puente Hills Mall	B Colima Rd. & Nogales St.	C Nogales St. & La Puente Rd.	D Amar Rd. & Azusa Ave.	E W. Covina Pkwy. & California Ave.	F Baldwin Park Metrolink	G Los Angeles St. & Merced Ave.	H Cogswell Rd. & Ramona Blvd.	I El Monte Station
5:00	5:11	5:24	5:36	5:51	.....	6:07	6:19	6:34
5:30	5:41	5:54	6:06	6:21	6:34	6:41	6:53	7:08
6:00	6:12	6:26	6:38	6:53	7:06	7:13	7:25	7:40
6:30	6:42	6:56	7:08	7:23	7:36	7:43	7:55	8:10
7:00	7:14	7:31	7:43	7:58	8:11	8:18	8:30	8:45
7:30	7:44	8:01	8:13	8:28	.....	8:44	8:56	9:11
8:00	8:14	8:29	8:41	8:56	9:09	9:16	9:28	9:43
8:30	8:44	8:59	9:11	9:27	.....	9:43	9:55	10:10
9:00	9:16	9:31	9:43	9:59	10:12	10:19	10:31	10:46
9:30	9:46	10:01	10:13	10:29	.....	10:45	10:57	11:12
10:00	10:16	10:29	10:41	10:57	.....	11:13	11:25	11:40
10:30	10:46	10:59	11:11	11:27	11:40	11:47	11:59	**12:14**
11:00	11:16	11:29	11:41	11:57	.....	**12:13**	**12:25**	**12:40**
11:30	11:46	11:59	**12:11**	**12:27**	**12:40**	**12:47**	**12:59**	**1:14**
12:00	**12:17**	**12:32**	**12:44**	**1:00**	**1:15**	**1:22**	**1:34**	**1:49**
12:30	**12:47**	**1:02**	**1:14**	**1:29**	**1:44**	**1:51**	**2:03**	**2:18**
1:00	**1:17**	**1:32**	**1:44**	**1:59**	.....	**2:15**	**2:27**	**2:42**
1:30	**1:47**	**2:02**	**2:14**	**2:29**	**2:44**	**2:51**	**3:03**	**3:18**
2:00	**2:17**	**2:32**	**2:44**	**2:59**	.....	**3:15**	**3:27**	**3:42**
2:30	**2:47**	**3:02**	**3:14**	**3:29**	**3:44**	**3:51**	**4:03**	**4:18**
3:00	**3:17**	**3:32**	**3:44**	**3:59**	**4:14**	**4:21**	**4:33**	**4:48**
3:30	**3:47**	**4:02**	**4:14**	**4:29**	**4:44**	**4:51**	**5:03**	**5:18**
4:00	**4:17**	**4:31**	**4:43**	**4:58**	.....	**5:14**	**5:26**	**5:41**
4:30	**4:47**	**5:01**	**5:13**	**5:28**	**5:43**	**5:50**	**6:02**	**6:17**
5:00	**5:19**	**5:33**	**5:45**	**6:00**	**6:15**	**6:22**	**6:34**	**6:49**
5:30	**5:49**	**6:03**	**6:15**	**6:29**	**6:44**	**6:51**	**7:03**	**7:18**
6:00	**6:19**	**6:33**	**6:45**	**6:59**	**7:14**	**7:21**	**7:33**	**7:48**
6:30	**6:49**	**7:03**	**7:15**	**7:29**	.....	**7:45**	**7:57**	**8:12**
7:00	**7:17**	**7:29**	**7:41**	**7:55**	.....	**8:11**	**8:23**	**8:38**
7:30	**7:47**	**7:59**	**8:11**	**8:25**	.....	**8:41**	**8:53**	**9:08**
8:00	**8:15**	**8:27**	**8:39**	**8:53**	.....	**9:09**	**9:21**	**9:36**
8:30	**8:45**	**8:57**	**9:09**	**9:23**	.....	**9:39**	**9:51**	**10:06**
9:00	**9:15**	**9:27**	**9:39**	**9:53**	.....	**10:09**	**10:21**	**10:36**
9:30	**9:45**	**9:57**	**10:09**	**10:23**	.....	**10:39**	**10:51**	**11:06**

LIGHT TYPE = AM **BOLD TYPE = PM**

Line | Línea 178

Weekday - Entre Semana

Eastbound to Puente Hills Mall

En Dirección Este Hacia Puente Hills Mall

Leave El Monte — **Arrive Industry**

I El Monte Station	H Cogswell Rd. & Ramona Blvd.	G Los Angeles St. & Merced Ave.	F Baldwin Park Metrolink	E W. Covina Pkwy. & California Ave.	D Amar Rd. & Azusa Ave.	C Nogales St. & La Puente Rd.	B Colima Rd. & Nogales St.	A Puente Hills Mall
5:00	5:14	5:26	.....	5:44	5:57	6:08	6:19	6:35
5:30	5:44	5:56	.....	6:14	6:27	6:38	6:49	7:05
6:00	6:14	6:26	6:34	6:46	6:59	7:10	7:22	7:38
6:30	6:44	6:56	7:04	7:16	7:29	7:40	7:52	8:08
7:00	7:14	7:26	7:34	7:46	7:59	8:10	8:22	8:38
7:30	7:44	7:56	8:04	8:16	8:29	8:40	8:52	9:08
8:00	8:14	8:26	8:34	8:46	8:59	9:10	9:22	9:38
8:30	8:44	8:56	9:04	9:16	9:29	9:40	9:52	10:09
9:00	9:14	9:26	9:34	9:46	9:59	10:10	10:22	10:39
9:30	9:44	9:56	.....	10:14	10:27	10:38	10:50	11:07
10:00	10:14	10:26	10:34	10:46	10:59	11:10	11:22	11:39
10:30	10:44	10:56	.....	11:14	11:27	11:38	11:50	**12:08**
11:00	11:14	11:26	11:34	11:46	11:59	**12:10**	**12:22**	**12:41**
11:30	11:44	11:56	**12:04**	**12:16**	**12:30**	**12:41**	**12:53**	**1:11**
12:00	**12:14**	**12:26**	**12:34**	**12:46**	**1:00**	**1:11**	**1:23**	**1:41**
12:30	**12:44**	**12:56**	**1:04**	**1:16**	**1:30**	**1:41**	**1:53**	**2:10**
1:00	**1:14**	**1:26**	**1:34**	**1:46**	**2:00**	**2:12**	**2:24**	**2:41**
1:30	**1:44**	**1:56**	.....	**2:14**	**2:28**	**2:40**	**2:52**	**3:09**
2:00	**2:14**	**2:26**	**2:34**	**2:48**	**3:02**	**3:14**	**3:29**	**3:46**
2:30	**2:44**	**2:56**	**3:04**	**3:18**	**3:32**	**3:44**	**3:59**	**4:16**
3:00	**3:14**	**3:26**	**3:34**	**3:48**	**4:02**	**4:14**	**4:27**	**4:44**
3:30	**3:44**	**3:56**	**4:04**	**4:18**	**4:32**	**4:44**	**4:57**	**5:14**
4:00	**4:14**	**4:26**	**4:34**	**4:48**	**5:02**	**5:14**	**5:27**	**5:44**
4:30	**4:44**	**4:56**	**5:04**	**5:18**	**5:32**	**5:44**	**5:57**	**6:14**
5:00	**5:14**	**5:26**	**5:34**	**5:48**	**6:02**	**6:14**	**6:26**	**6:43**
5:30	**5:44**	**5:56**	**6:04**	**6:18**	**6:32**	**6:44**	**6:56**	**7:13**
6:00	**6:14**	**6:26**	**6:34**	**6:48**	**7:02**	**7:14**	**7:25**	**7:42**
6:30	**6:44**	**6:56**	**7:04**	**7:18**	**7:32**	**7:44**	**7:55**	**8:12**
7:00	**7:14**	**7:26**	.....	**7:44**	**7:58**	**8:10**	**8:21**	**8:38**
7:30	**7:44**	**7:56**	.....	**8:14**	**8:27**	**8:39**	**8:50**	**9:07**
8:00	**8:14**	**8:26**	.....	**8:44**	**8:57**	**9:08**	**9:18**	**9:35**
8:30	**8:44**	**8:56**	.....	**9:14**	**9:27**	**9:38**	**9:48**	**10:05**
9:00	**9:14**	**9:26**	.....	**9:44**	**9:57**	**10:08**	**10:18**	**10:35**

LIGHT TYPE = AM **BOLD TYPE = PM**

Line | Línea 178

Weekend/Holiday - Fin de Semana y Día Festivo

Westbound to El Monte

En Dirección Oeste Hacia El Monte

Leave Industry — **Arrive El Monte**

A Puente Hills Mall	B Colima Rd. & Nogales St.	C Nogales St. & La Puente Rd.	D Amar Rd. & Azusa Ave.	E W. Covina Pkwy. & California Ave.	F Baldwin Park Metrolink	G Los Angeles St. & Merced Ave.	H Cogswell Rd. & Ramona Blvd.	I El Monte Station
6:20	6:31	6:44	6:55	7:09	.....	7:22	7:33	7:44
7:35	7:48	8:01	8:12	8:26	.....	8:41	8:52	9:04
8:20	8:33	8:46	8:57	9:11	9:21	9:27	9:38	9:51
8:50	9:03	9:16	9:27	9:41	.....	9:56	10:07	10:21
9:20	9:35	9:48	9:59	10:13	.....	10:28	10:39	10:53
9:50	10:05	10:18	10:30	10:44	10:54	11:00	11:10	11:25
10:20	10:36	10:49	11:01	11:16	.....	11:30	11:40	11:55
10:50	11:06	11:19	11:30	11:45	.....	11:59	**12:09**	**12:23**
11:20	11:36	11:49	**12:00**	**12:14**	**12:24**	**12:30**	**12:40**	**12:54**
11:50	**12:06**	**12:20**	**12:31**	**12:45**	.....	**12:59**	**1:09**	**1:23**
12:20	**12:36**	**12:50**	**1:01**	**1:15**	.....	**1:29**	**1:39**	**1:53**
12:50	**1:06**	**1:19**	**1:30**	**1:44**	**1:54**	**2:00**	**2:10**	**2:25**
1:20	**1:36**	**1:49**	**2:00**	**2:14**	.....	**2:28**	**2:38**	**2:53**
1:50	**2:06**	**2:19**	**2:31**	**2:45**	.....	**2:59**	**3:09**	**3:23**
2:20	**2:36**	**2:49**	**3:01**	**3:15**	.....	**3:28**	**3:38**	**3:52**
2:50	**3:06**	**3:17**	**3:28**	**3:42**	.....	**3:55**	**4:05**	**4:18**
3:20	**3:36**	**3:47**	**3:58**	**4:12**	**4:22**	**4:28**	**4:38**	**4:51**
3:50	**4:07**	**4:18**	**4:29**	**4:43**	.....	**4:56**	**5:06**	**5:19**
4:20	**4:38**	**4:49**	**5:00**	**5:14**	.....	**5:27**	**5:37**	**5:50**
4:50	**5:08**	**5:19**	**5:30**	**5:44**	**5:54**	**6:00**	**6:10**	**6:23**
5:20	**5:37**	**5:48**	**5:59**	**6:13**	.....	**6:27**	**6:37**	**6:50**
6:20	**6:37**	**6:48**	**6:59**	**7:13**	**7:23**	**7:29**	**7:39**	**7:53**
7:20	**7:35**	**7:47**	**7:59**	**8:14**	.....	**8:27**	**8:38**	**8:52**
8:20	**8:35**	**8:46**	**8:57**	**9:12**	.....	**9:25**	**9:35**	**9:49**
9:20	**9:34**	**9:45**	**9:56**	**10:11**	.....	**10:24**	**10:34**	**10:48**
10:20	**10:34**	**10:45**	**10:56**	**11:11**	.....	**11:24**	**11:34**	**11:48**

LIGHT TYPE = AM **BOLD TYPE = PM**

Line Línea | 178

Weekend/Holiday - Fin de Semana y Día Festivo

Eastbound to Puente Hills Mall

En Dirección Este Hacia Puente Hills Mall

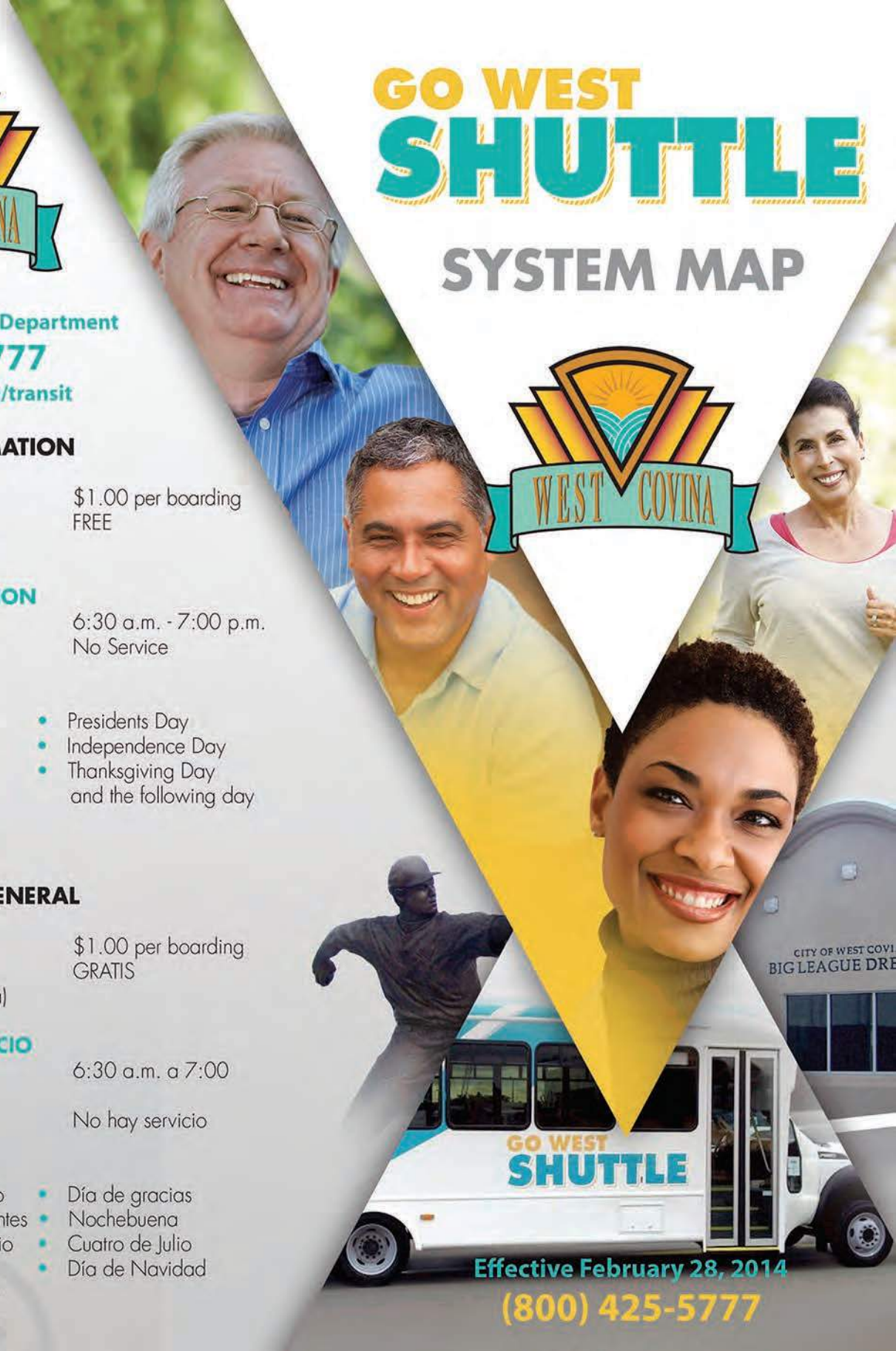
Leave El Monte — **Arrive Industry**

I El Monte Station	H Cogswell Rd. & Ramona Blvd.	G Los Angeles St. & Merced Ave.	F Baldwin Park Metrolink	E W. Covina Pkwy. & California Ave.	D Amar Rd. & Azusa Ave.	C Nogales St. & La Puente Rd.	B Colima Rd. & Nogales St.	A Puente Hills Mall
6:00	6:13	6:24	.....	6:38	6:48	6:56	7:05	7:19
7:00	7:13	7:24	.....	7:39	7:51	8:00	8:12	8:26
8:00	8:13	8:24	.....	8:40	8:53	9:05	9:16	9:33
8:30	8:43	8:54	9:00	9:10	9:22	9:35	9:46	10:03
9:00	9:14	9:25	.....	9:39	9:51	10:03	10:14	10:30
9:30	9:44	9:55	.....	10:09	10:21	10:32	10:43	10:59
10:00	10:15	10:26	10:32	10:42	10:54	11:05	11:16	11:32
10:30	10:45	10:56	.....	11:11	11:23	11:34	11:45	**12:01**
11:00	11:16	11:27	.....	11:43	11:55	**12:06**	**12:17**	**12:35**
11:30	11:46	11:57	**12:03**	**12:13**	**12:25**	**12:36**	**12:47**	**1:06**
12:00	**12:16**	**12:28**	.....	**12:42**	**12:54**	**1:05**	**1:16**	**1:36**
12:30	**12:46**	**12:58**	.....	**1:14**	**1:26**	**1:36**	**1:47**	**2:05**
1:00	**1:16**	**1:28**	.....	**1:44**	**1:56**	**2:06**	**2:17**	**2:32**
1:30	**1:46**	**1:58**	**2:04**	**2:14**	**2:26**	**2:36**	**2:47**	**3:02**
2:00	**2:13**	**2:25**	.....	**2:41**	**2:53**	**3:03**	**3:14**	**3:29**
2:30	**2:43**	**2:55**	.....	**3:11**	**3:24**	**3:34**	**3:45**	**4:00**
3:00	**3:14**	**3:26**	.....	**3:42**	**3:55**	**4:05**	**4:16**	**4:31**
3:30	**3:44**	**3:56**	**4:02**	**4:12**	**4:26**	**4:36**	**4:47**	**5:02**
4:00	**4:15**	**4:27**	.....	**4:43**	**4:57**	**5:07**	**5:18**	**5:33**
4:30	**4:45**	**4:57**	.....	**5:13**	**5:26**	**5:36**	**5:47**	**6:02**
5:30	**5:47**	**5:59**	**6:05**	**6:15**	**6:28**	**6:38**	**6:49**	**7:05**
6:30	**6:45**	**6:57**	.....	**7:12**	**7:26**	**7:37**	**7:48**	**8:02**
7:30	**7:45**	**7:57**	**8:03**	**8:13**	**8:27**	**8:39**	**8:49**	**9:03**
8:30	**8:43**	**8:54**	.....	**9:09**	**9:21**	**9:31**	**9:41**	**9:55**
9:30	**9:43**	**9:54**	.....	**10:09**	**10:21**	**10:31**	**10:41**	**10:55**
10:30	**10:43**	**10:54**	.....	**11:09**	**11:21**	**11:31**	**11:41**	**11:55**

LIGHT TYPE = AM **BOLD TYPE = PM**

GO WEST SHUTTLE

SYSTEM MAP



Community Services Department
(800) 425-5777
www.westcovina.org/transit

GENERAL INFORMATION

FARE

Regular	$1.00 per boarding
Children under 5 (w/ fare paying adult)	FREE

HOURS OF OPERATION

Monday - Friday	6:30 a.m. - 7:00 p.m.
Saturday & Sunday	No Service

HOLIDAYS

- New Year's Day
- Memorial Day
- Labor Day
- Christmas Eve
- Christmas Day
- Presidents Day
- Independence Day
- Thanksgiving Day and the following day

INFORMACIÓN GENERAL

FIJAS

Regular	$1.00 per boarding
Niños menores de 5 (con un adulto que paga)	GRATIS

HORARIO DE SERVICIO

Lunes - Viernes	6:30 a.m. a 7:00 p.m.
Sabàdo y Domingo	No hay servicio

FERIADOS

- Día de Año Nuevo
- Día de los Presidentes
- Día de Recordatorio
- Día del Trabajo
- Víspera del día de acción de gracias
- Día de gracias
- Nochebuena
- Cuatro de Julio
- Día de Navidad

Effective February 28, 2014

(800) 425-5777

RED LINE

Plaza West Covina Macy's (Depart)	Sunset / Workman	Lark Ellen / Workman	Azusa Puente	Workman / Azusa	Bridgecreek	Senior Center	Lark Ellen / Cameron	Lakes / Lakes	Plaza West Covina Macy's (Arrive)
	6:30 AM	6:33 AM	6:37 AM	6:40 AM	6:53 AM	7:05 AM	7:11 AM	7:15 AM	7:18 AM
7:23 AM	7:26 AM	7:29 AM	7:33 AM	7:36 AM	7:49 AM	8:01 AM	8:07 AM	8:11 AM	8:14 AM
8:19 AM	8:22 AM	8:25 AM	8:29 AM	8:32 AM	8:45 AM	8:57 AM	9:03 AM	9:07 AM	9:10 AM
9:15 AM	9:18 AM	9:21 AM	9:25 AM	9:28 AM	9:41 AM	9:53 AM	9:59 AM	10:03 AM	10:06 AM
10:11 AM	10:14 AM	10:17 AM	10:21 AM	10:24 AM	10:37 AM	10:49 AM	10:55 AM	10:59 AM	11:02 AM
11:07 AM	11:10 AM	11:13 AM	11:17 AM	11:20 AM	11:33 AM	11:45 AM	11:51 AM	11:55 AM	11:58 AM
12:03 PM	12:06 PM	12:09 PM	12:13 PM	12:16 PM	12:29 PM	12:41 PM	12:47 PM	12:51 PM	12:54 PM
12:59 PM	1:02 PM	1:05 PM	1:09 PM	1:12 PM	1:25 PM	1:37 PM	1:43 PM	1:47 PM	1:50 PM
1:55 PM	1:58 PM	2:01 PM	2:05 PM	2:08 PM	2:21 PM	2:33 PM	2:39 PM	2:43 PM	2:46 PM
2:51 PM	2:54 PM	2:57 PM	3:01 PM	3:04 PM	3:17 PM	3:29 PM	3:35 PM	3:39 PM	3:42 PM
3:47 PM	3:50 PM	3:53 PM	3:57 PM	4:00 PM	4:13 PM	4:25 PM	4:31 PM	4:35 PM	4:38 PM
4:43 PM	4:46 PM	4:49 PM	4:53 PM	4:56 PM	5:09 PM	5:21 PM	5:27 PM	5:31 PM	5:34 PM
5:39 PM	5:42 PM	5:45 PM	5:49 PM	5:52 PM					

BLUE LINE

Plaza West Covina Sears (Depart)	Glendora / Cameron	Lark Ellen / Cameron	Badillo / Lark Ellen	Badillo / Orange (Hertiage Park Complex)	Sunset / West Covina Pkwy	Sunset / Francisquito	Cameron / Pacific	Plaza West Covina Sears (Arrive)
				6:30 AM	6:36 AM	6:46 AM	6:52 AM	7:02 AM
7:07 AM	7:14 AM	7:23 AM	7:29 AM	7:35 AM	7:41 AM	7:51 AM	7:57 AM	8:07 AM
8:12 AM	8:19 AM	8:28 AM	8:34 AM	8:40 AM	8:46 AM	8:56 AM	9:02 AM	9:12 AM
9:17 AM	9:24 AM	9:33 AM	9:39 AM	9:45 AM	9:51 AM	10:01 AM	10:07 AM	10:17 AM
10:22 AM	10:29 AM	10:38 AM	10:44 AM	10:50 AM	10:56 AM	11:06 AM	11:12 AM	11:22 AM
11:27 AM	11:34 AM	11:43 AM	11:49 AM	11:55 AM	12:01 PM	12:11 PM	12:17 PM	12:27 PM
12:32 PM	12:39 PM	12:48 PM	12:54 PM	1:00 PM	1:06 PM	1:16 PM	1:22 PM	1:32 PM
1:37 PM	1:44 PM	1:53 PM	1:59 PM	2:05 PM	2:11 PM	2:21 PM	2:27 PM	2:37 PM
2:42 PM	2:49 PM	2:58 PM	3:04 PM	3:10 PM	3:16 PM	3:26 PM	3:32 PM	3:42 PM
3:47 PM	3:54 PM	4:03 PM	4:09 PM	4:15 PM	4:21 PM	4:31 PM	4:37 PM	4:47 PM
4:52 PM	4:59 PM	5:08 PM	5:14 PM	5:20 PM	5:26 PM	5:36 PM	5:42 PM	5:52 PM
5:57 PM	6:04 PM	6:13 PM	6:19 PM	6:25 PM	6:31 PM	6:41 PM	6:47 PM	6:57 PM

SCHEDULE INSTRUCTIONS

This **GO WEST** System Map and Schedule consists of timetables and a map with color coded timepoints. Please note that all stops are not listed on the timetables. Use the timepoint located at or before your destination to estimate your shuttle's arrival time. If you need help planning your next trip, Customer Service Representatives are standing by to assist you at **(800) 425-5777**.

INSTRUCCIONES DE HORARIO

Este **GO WEST** Mapa del sistema y programa consta de los horarios y un mapa con los puntos de tiempo de color codificado. Por favor, tenga en cuenta que todas las paradas no cotizan en los horarios. Utilice el punto de tiempo ubicado en o antes del destino para estimar la hora de llegada de su traslado. Si usted necesita ayuda para planear su próximo viaje, los representantes del Servicio al Cliente están listos para ayudarle en **(800) 425-5777**.

GO WEST SHUTTLE

GREEN LINE NORTH

Sentous / Valley	Shadow Oak / Nogales	Amar / Azusa	Target Shopping Center	Fairgrove	Citus / Cameron	Senior Center
6:30 AM	6:35 AM	6:39 AM	6:44 AM	6:48 AM	6:52 AM	6:55 AM
-	-	-	-	-	-	-
7:00 AM	7:05 AM	7:09 AM	7:14 AM	7:18 AM	7:22 AM	7:25 AM
7:30 AM	7:35 AM	7:39 AM	7:44 AM	7:48 AM	7:52 AM	7:55 AM
8:00 AM	8:05 AM	8:09 AM	8:14 AM	8:18 AM	8:22 AM	8:25 AM
8:30 AM	8:35 AM	8:39 AM	8:44 AM	8:48 AM	8:52 AM	8:55 AM
9:00 AM	9:05 AM	9:09 AM	9:14 AM	9:18 AM	9:22 AM	9:25 AM
9:30 AM	9:35 AM	9:39 AM	9:44 AM	9:48 AM	9:52 AM	9:55 AM
10:00 AM	10:05 AM	10:09 AM	10:14 AM	10:18 AM	10:22 AM	10:25 AM
10:30 AM	10:35 AM	10:39 AM	10:44 AM	10:48 AM	10:52 AM	10:55 AM
11:00 AM	11:05 AM	11:09 AM	11:14 AM	11:18 AM	11:22 AM	11:25 AM
11:30 AM	11:35 AM	11:39 AM	11:44 AM	11:48 AM	11:52 AM	11:55 AM
12:00 PM	12:05 PM	12:09 PM	12:14 PM	12:18 PM	12:22 PM	12:25 PM
12:30 PM	12:35 PM	12:39 PM	12:44 PM	12:48 PM	12:52 PM	12:55 PM
1:00 PM	1:05 PM	1:09 PM	1:14 PM	1:18 PM	1:22 PM	1:25 PM
1:30 PM	1:35 PM	1:39 PM	1:44 PM	1:48 PM	1:52 PM	1:55 PM
2:00 PM	2:05 PM	2:09 PM	2:14 PM	2:18 PM	2:22 PM	2:25 PM
2:30 PM	2:35 PM	2:39 PM	2:44 PM	2:48 PM	2:52 PM	2:55 PM
3:00 PM	3:05 PM	3:09 PM	3:14 PM	3:18 PM	3:22 PM	3:25 PM
3:30 PM	3:35 PM	3:39 PM	3:44 PM	3:48 PM	3:52 PM	3:55 PM
4:00 PM	4:05 PM	4:09 PM	4:14 PM	4:18 PM	4:22 PM	4:25 PM
4:30 PM	4:35 PM	4:39 PM	4:44 PM	4:48 PM	4:52 PM	4:55 PM
5:00 PM	5:05 PM	5:09 PM	5:14 PM	5:18 PM	5:22 PM	5:25 PM
6:00 PM	6:05 PM	6:09 PM	6:14 PM	6:18 PM	6:22 PM	6:25 PM

GO WEST DIAL-A-RIDE

GO West offers curb-to-curb Dial-A-Ride service to seniors (55+ years) and to ADA-certified patrons. Dial-A-Ride is a reservation-based, shared-ride service that travels to/from any location within city limits and up to 3 miles outside city limits for medical appointments. To learn more about GO West Dial-A-Ride call **(800) 425-5777**.

GO WEST DIAL-A-RIDE

GO West ofrece Dial-A-Ride de acera a acera para personas mayores (55 + años de edad) y para los clientes certificados por ADA. Dial-A-Ride es un servicio de viaje compartido basado reserva-que viaja a / desde cualquier ubicación dentro de la ciudad y hasta 3 millas fuera de los límites de la ciudad para las citas médicas. Para aprender más sobre GO West Dial-A-Ride llamada **(800) 425-5777**.

GREEN LINE SOUTH

Senior Center	Citrus / Cameron	Cameron / Fernwood	Lark Ellen / Francisquito	Amar / Azusa	Shadow Oak / Nogales	La Puente / Sentous	Sentous / Valley
6:30 AM	6:32 AM	6:36 AM	6:42 AM	6:46 AM	6:52 AM	6:57 AM	7:00 AM
7:00 AM	7:02 AM	7:06 AM	7:12 AM	7:16 AM	7:22 AM	7:27 AM	7:30 AM
7:30 AM	7:32 AM	7:36 AM	7:42 AM	7:46 AM	7:52 AM	7:57 AM	8:00 AM
8:00 AM	8:02 AM	8:06 AM	8:12 AM	8:16 AM	8:22 AM	8:27 AM	8:30 AM
8:30 AM	8:32 AM	8:36 AM	8:42 AM	8:46 AM	8:52 AM	8:57 AM	9:00 AM
9:00 AM	9:02 AM	9:06 AM	9:12 AM	9:16 AM	9:22 AM	9:27 AM	9:30 AM
9:30 AM	9:32 AM	9:36 AM	9:42 AM	9:46 AM	9:52 AM	9:57 AM	10:00 AM
10:00 AM	10:02 AM	10:06 AM	10:12 AM	10:16 AM	10:22 AM	10:27 AM	10:30 AM
10:30 AM	10:32 AM	10:36 AM	10:42 AM	10:46 AM	10:52 AM	10:57 AM	11:00 AM
11:00 AM	11:02 AM	11:06 AM	11:12 AM	11:16 AM	11:22 AM	11:27 AM	11:30 AM
11:30 AM	11:32 AM	11:36 AM	11:42 AM	11:46 AM	11:52 AM	11:57 AM	12:00 PM
12:00 PM	12:02 PM	12:06 PM	12:12 PM	12:16 PM	12:22 PM	12:27 PM	12:30 PM
12:30 PM	12:32 PM	12:36 PM	12:42 PM	12:46 PM	12:52 PM	12:57 PM	1:00 PM
1:00 PM	1:02 PM	1:06 PM	1:12 PM	1:16 PM	1:22 PM	1:27 PM	1:30 PM
1:30 PM	1:32 PM	1:36 PM	1:42 PM	1:46 PM	1:52 PM	1:57 PM	2:00 PM
2:00 PM	2:02 PM	2:06 PM	2:12 PM	2:16 PM	2:22 PM	2:27 PM	2:30 PM
2:30 PM	2:32 PM	2:36 PM	2:42 PM	2:46 PM	2:52 PM	2:57 PM	3:00 PM
3:00 PM	3:02 PM	3:06 PM	3:12 PM	3:16 PM	3:22 PM	3:27 PM	3:30 PM
3:30 PM	3:32 PM	3:36 PM	3:42 PM	3:46 PM	3:52 PM	3:57 PM	4:00 PM
4:00 PM	4:02 PM	4:06 PM	4:12 PM	4:16 PM	4:22 PM	4:27 PM	4:30 PM
4:30 PM	4:32 PM	4:36 PM	4:42 PM	4:46 PM	4:52 PM	4:57 PM	5:00 PM
5:00 PM	-	-	-	-	-	-	-
5:30 PM	5:32 PM	5:36 PM	5:42 PM	5:46 PM	5:52 PM	5:57 PM	6:00 PM
6:30 PM	-	-	-	-	-	-	-

PASSENGER GUIDELINES

So that all passengers enjoy their ride!

DOs

- Pay your fare (exact change only)
- Be respectful to your driver and fellow passengers
- Reserve front seats for elderly and/or disabled passengers
- Keep hands and objects inside vehicle
- Remain seated until vehicle comes to a complete stop
- Report vandalism in progress to driver or 911

DON'Ts

- No Smoking
- No Littering
- No Food or Drinks
- No Offensive Language
- No Music or Excessive Noise
- No Marking/Defacing the Vehicle

Note: Passengers unwilling to abide by these guidelines may be barred from using the City's transportation services.

DIRECTRICES DE PASAJEROS

Así que todos los pasajeros disfruten de su viaje!

HACER

- Pague su pasaje (cambio exacto solamente)
- Ser respetuoso con el conductor y los demás pasajeros
- Asientos delanteros Reserva para pasajeros de edad avanzada y / o con discapacidad
- Mantenga las manos y los objetos en el interior del vehículo
- Permanezca sentado hasta que el vehículo se haya detenido por completo
- Informe vandalismo en curso para conducir o 911

NO

- No fumar
- No tirar basura
- No hay comida o bebidas
- No marcado / mutilar el vehículo
- No lenguaje ofensivo
- No música o ruido excesivo

Nota: Los pasajeros no están dispuestos a cumplir con estas pautas pueden ser impedidos de usar los servicios de transporte de la ciudad.

GO WEST SHUTTLE

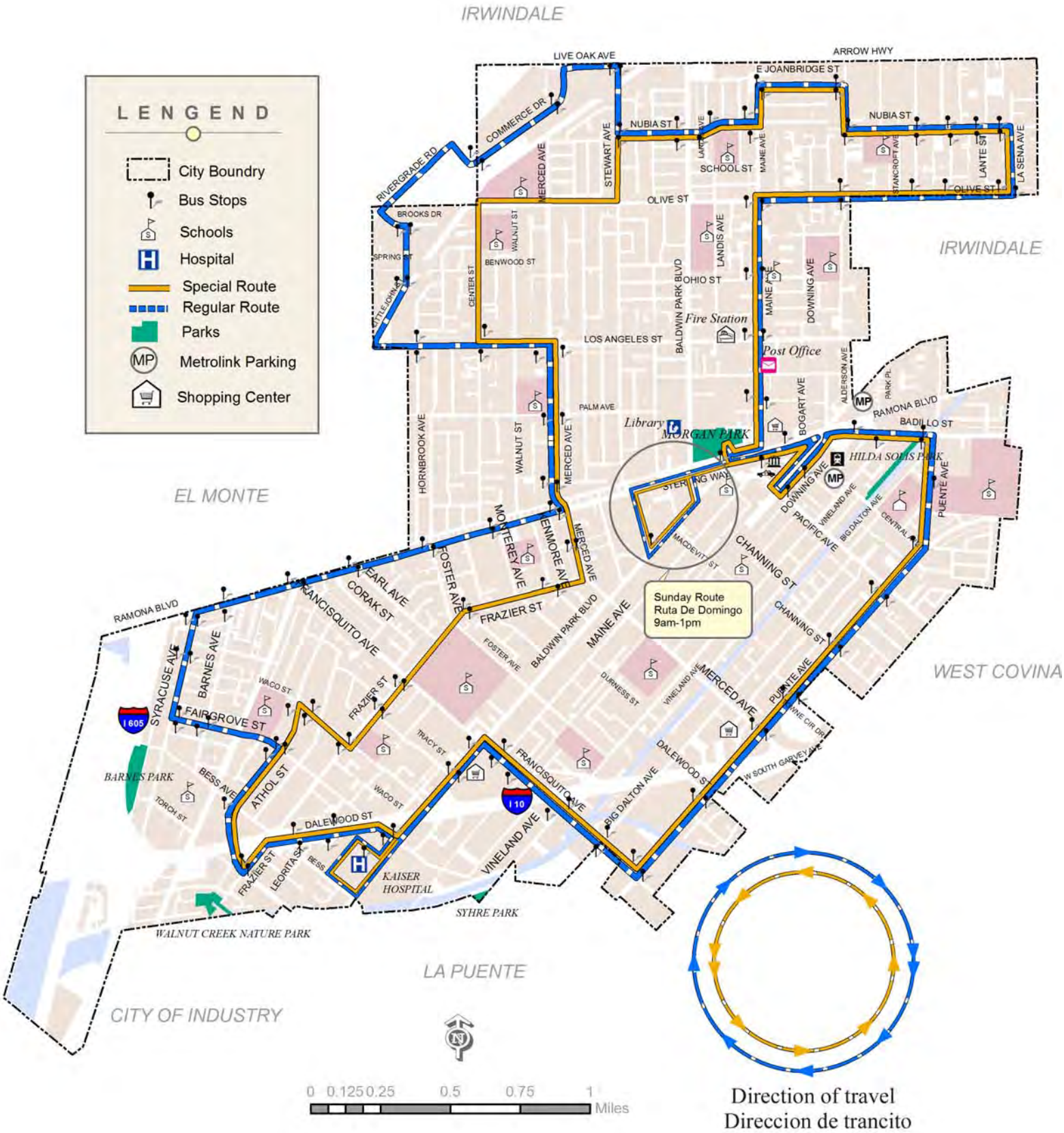
LEGEND

GO WEST Routes

- RED ROUTE
- BLUE ROUTE
- GREEN ROUTE

- Shuttle Time Check Points
- Shuttle Stops
- School
- U.S. Post Office
- Hospital

Effective February 28, 2014


IRWINDALE
LENGEND
City Boundry
Bus Stops
Schools
Hospital
Special Route
Regular Route
Parks
Metrolink Parking
Shopping Center
LIVE OAK AVE
ARROW HWY
E JOANBRIDGE ST
COMMERCE DR
RIVERGRADE RD
NUBIA ST
STEWART AVE
MERCED AVE
SCHOOL ST
MAINE AVE
STANCROFT AVE
LANTE ST
LA SENA AVE
OLIVE ST
BROOKS DR
SPRING ST
LITTLE JOHN ST
WALNUT ST
BENWOOD ST
CENTER ST
LANDIS AVE
BALDWIN PARK BLVD
OHIO ST
Fire Station
DOWNING AVE
LOS ANGELES ST
Post Office
ALDERSON AVE
PARK PL
RAMONA BLVD
BADILLO ST
PALM AVE
Library
MORGAN PARK
BOGART AVE
HILDA SOLIS PARK
HORNBROOK AVE
STERLING WAY
VINELAND AVE
BIG DALTON AVE
CENTRAL
PUENTE AVE
EL MONTE
MONTEREY AVE
ENMORE AVE
PACIFIC AVE
MACDEVITT ST
CHANNING ST
EARL AVE
CORAK ST
FOSTER AVE
FRAZIER ST
Sunday Route
Ruta De Domingo
9am-1pm
RAMONA BLVD
FRANCISQUITO AVE
BARNES AVE
SYRACUSE AVE
WACO ST
FAIRGROVE ST
I 605
DURNESS ST
WEST COVINA
BARNES PARK
BESS AVE
ATHOL ST
TRACY ST
TORCH ST
DALEWOOD ST
I 10
VINE CIR DR
W SOUTH GARVEY AVE
LEORITA ST
KAISER HOSPITAL
SYHRE PARK
WALNUT CREEK NATURE PARK
LA PUENTE
CITY OF INDUSTRY
0 0.125 0.25 0.5 0.75 1 Miles
Direction of travel
Direccion de trancito

Foothill Transit System Map

ROUTE DESIGNATIONS

- Foothill Transit lines are shown with solid route lines
- Other transit lines are shown with dashed route lines
- M-76 Metro routes have an "M" in the route symbol
- O-62 Omnitrans routes have an "O" in the route symbol

INFORMATION ABOUT OTHER TRANSIT AGENCIES IS LOCATED ON PG. 19 OF THE BUS BOOK

Pasadena
Arcadia
Alhambra
Temple City
El Monte
South El Monte
Monrovia
Duarte
Bradbury
Azusa
Irwindale
Covina
Baldwin Park
West Covina
Valinda
Walnut
Glendora
San Dimas
La Verne
Pomona
Claremont
Montclair
Montebello
Industry
La Puente
Hacienda Heights
Whittier
Rowland Heights
Diamond Bar
Chino

Lake Gold Line Station
Memorial Park Gold Line Station
Pasadena City College
Cal Tech
Pasadena ARTS Downtown Route
Pasadena ARTS Route
Sierra Madre Villa Gold Line Station
Racetrack
Westfield Santa Anita
Monrovia Park & Ride
Duarte Transit Blue Line
Duarte Transit Commuter Line
Duarte Transit Green Line
City of Hope Medical Center
Santa Teresita Hospital
Irwindale Speedway
Baldwin Park Metrolink
El Monte Station
SEE DETAILED MAP ON PAGE 51
El Monte Metrolink
El Monte Community Hospital
Park & Ride
Montebello Town Square
Montebello Town Center
East L.A. College
Rio Hondo College
Whittwood Mall
Norwalk Transit Route 1
Queen of the Valley Hospital
City Hall Park & Ride
Plaza West Covina
SEE DETAILED MAP ON PAGE 50
Plaza Park & Ride
West Covina Green Route
West Covina Red Route
West Covina Blue Route
West Covina Metrolink Express
Industry City Hall Park & Ride
Puente Hills Mall Transit Center
SEE DETAILED MAP ON PAGE 50
ON DETOUR UNTIL 2016
Citrus College
Citrus College Park & Ride
Covina Town Square
Covina Metrolink
Grand Ave. Park & Ride
Glendora Mini Bus Service
Eastland Center
SEE DETAILED MAP ON PAGE 49
Glendora Transportation Center
Lone Hill Park & Ride
San Dimas Park & Ride
San Dimas Community Hospital
Raging Waters
Via Verde Park & Ride
Mt San Antonio College
Cal Poly Pomona
DeVry University
Fairplex Park & Ride
Pomona Transit Center
Diamond Bar Park & Ride
Industry Park & Ride
Diamond Ranch High School
Claremont Colleges
Claremont Transit Center
SEE DETAILED MAP ON PAGE 50
Montclair Plaza
Montclair Transit Center
SEE DETAILED MAP ON PAGE 50
Chino Park & Ride
Chino Transit Center
Chino Civic Center
To Cal State LA, USC Medical Center & Downtown Los Angeles
See previous page for additional detail

METRO SILVER LINE
SILVER STREAK

To Puente Hills Mall
La Habra Heights
East Whittier
Whittwood Mall
Montebello Bus Lines Rt. 10
OCTA Line 29
La Habra Bl
To La Habra

To Pomona TransCenter
Brea
Birch
Brea Mall
State College
To Brea Mall

DESIGN: TRANSIT PRODUCTS/WEBB INC. (877) 676-8900

© 1/15 FOOTHILL TRANSIT

APPENDIX C

EXISTING TRAFFIC COUNTS

INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 pacific@aimtd.com

DATE:				
Wed, Mar 18, 15	LOCATION:	Baldwin Park	PROJECT #:	SC0562
	NORTH & SOUTH:	Puente	LOCATION #:	5
	EAST & WEST:	Merced	CONTROL:	SIGNAL

NOTES:

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OTHER

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		NORTHBOUND Puente			SOUTHBOUND Puente			EASTBOUND Merced			WESTBOUND Merced			
	LANES:	NL 1	NT 2	NR 0	SL 1	ST 2	SR 0	EL 1	ET 2	ER 1	WL 2	WT 1	WR 1	TOTAL
AM	7:00 AM	39	68	53	48	136	18	22	26	80	52	45	6	593
	7:15 AM	27	85	67	46	141	17	27	38	77	49	54	7	635
	7:30 AM	67	105	75	41	125	27	29	49	98	61	56	7	740
	7:45 AM	83	116	83	40	124	29	25	28	60	70	70	7	735
	8:00 AM	56	89	64	35	116	42	40	37	75	52	50	3	659
	8:15 AM	48	105	62	35	101	36	37	43	77	65	66	8	683
	8:30 AM	50	94	48	47	111	33	44	39	84	77	42	8	677
	8:45 AM	41	82	38	40	113	40	37	43	67	50	48	9	608
	VOLUMES	411	744	490	332	967	242	261	303	618	476	431	55	5,332
	APPROACH %	25%	45%	30%	22%	63%	16%	22%	26%	52%	49%	45%	6%	
	APP/DEPART	1,645	/	1,061	1,542	/	2,061	1,182	/	1,126	963	/	1,084	0
	BEGIN PEAK HR		7:30 AM											
	VOLUMES	254	415	284	151	466	134	131	157	310	248	242	25	2,818
	APPROACH %	27%	44%	30%	20%	62%	18%	22%	26%	52%	48%	47%	5%	
	PEAK HR FACTOR		0.845			0.973			0.849			0.878		0.952
	APP/DEPART	953	/	571	751	/	1,024	598	/	593	516	/	630	0
PM	4:00 PM	61	122	43	23	85	37	46	67	92	90	70	11	747
	4:15 PM	71	173	48	29	80	39	43	61	87	91	71	11	804
	4:30 PM	78	148	63	24	81	26	50	57	72	71	77	17	764
	4:45 PM	72	166	55	25	85	43	58	69	96	83	79	17	848
	5:00 PM	75	144	45	21	98	37	42	67	77	80	70	13	769
	5:15 PM	104	214	60	21	79	44	56	58	89	90	68	6	889
	5:30 PM	68	182	51	29	89	44	45	76	89	89	78	12	852
	5:45 PM	72	180	51	19	92	33	59	83	79	78	86	9	841
	VOLUMES	601	1,329	416	191	689	303	399	538	681	672	599	96	6,517
	APPROACH %	26%	57%	18%	16%	58%	26%	25%	33%	42%	49%	44%	7%	
	APP/DEPART	2,346	/	1,827	1,186	/	2,042	1,618	/	1,145	1,367	/	1,503	0
	BEGIN PEAK HR		4:45 PM											
	VOLUMES	319	706	211	96	351	168	201	270	351	342	295	48	3,359
	APPROACH %	26%	57%	17%	16%	57%	27%	24%	33%	43%	50%	43%	7%	
	PEAK HR FACTOR		0.817			0.951			0.922			0.957		0.945
	APP/DEPART	1,236	/	956	616	/	1,044	822	/	577	685	/	782	0

INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 pacific@aimtd.com

DATE:				
Wed, Mar 18, 15	LOCATION:	Baldwin Park	PROJECT #:	SC0562
	NORTH & SOUTH:	Puente	LOCATION #:	4
	EAST & WEST:	Root	CONTROL:	STOP ALL

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		NORTHBOUND Puente			SOUTHBOUND Puente			EASTBOUND Root			WESTBOUND Root			
	LANES:	NL 1	NT 2	NR X	SL X	ST 1	SR 1	EL 0	ET X	ER 0	WL X	WT X	WR X	TOTAL
AM	7:00 AM	26	27	0	0	129	2	1	0	39	0	0	0	224
	7:15 AM	18	49	0	0	126	2	1	0	34	0	0	0	230
	7:30 AM	21	69	0	0	112	2	0	0	42	0	0	0	246
	7:45 AM	34	55	0	0	96	2	0	0	31	0	0	0	218
	8:00 AM	24	51	0	0	90	7	1	0	36	0	0	0	209
	8:15 AM	45	62	0	0	119	4	2	0	47	0	0	0	279
	8:30 AM	75	94	0	0	100	10	3	0	88	0	0	0	370
	8:45 AM	36	53	0	0	103	6	3	0	65	0	0	0	266
	VOLUMES	279	460	0	0	875	35	11	0	382	0	0	0	2,042
	APPROACH %	38%	62%	0%	0%	96%	4%	3%	0%	97%	0%	0%	0%	
	APP/DEPART	739	/	471	910	/	1,257	393	/	0	0	/	314	0
	BEGIN PEAK HR		8:00 AM											
	VOLUMES	180	260	0	0	412	27	9	0	236	0	0	0	1,124
	APPROACH %	41%	59%	0%	0%	94%	6%	4%	0%	96%	0%	0%	0%	
	PEAK HR FACTOR		0.651			0.892			0.673			0.000		0.759
	APP/DEPART	440	/	269	439	/	648	245	/	0	0	/	207	0
PM	4:00 PM	54	99	0	0	60	6	2	0	46	0	0	0	267
	4:15 PM	47	124	0	0	70	1	1	0	30	0	0	0	273
	4:30 PM	54	146	0	0	63	2	5	0	48	0	0	0	318
	4:45 PM	57	133	0	0	55	5	2	0	53	0	0	0	305
	5:00 PM	37	109	0	0	70	3	0	0	34	0	0	0	253
	5:15 PM	59	146	0	0	74	5	3	0	33	0	0	0	320
	5:30 PM	55	151	0	0	83	8	1	0	36	0	0	0	334
	5:45 PM	45	137	0	0	63	0	3	0	39	0	0	0	287
	VOLUMES	408	1,045	0	0	538	30	17	0	319	0	0	0	2,357
	APPROACH %	28%	72%	0%	0%	95%	5%	5%	0%	95%	0%	0%	0%	
	APP/DEPART	1,453	/	1,062	568	/	857	336	/	0	0	/	438	0
	BEGIN PEAK HR		4:45 PM											
	VOLUMES	208	539	0	0	282	21	6	0	156	0	0	0	1,212
	APPROACH %	28%	72%	0%	0%	93%	7%	4%	0%	96%	0%	0%	0%	
	PEAK HR FACTOR		0.907			0.832			0.736			0.000		0.907
	APP/DEPART	747	/	545	303	/	438	162	/	0	0	/	229	0

INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 pacific@aimtd.com

DATE:				
Wed, Mar 18, 15	LOCATION:	Baldwin Park	PROJECT #:	SC0562
	NORTH & SOUTH:	Bromley	LOCATION #:	3
	EAST & WEST:	Pacific	CONTROL:	SIGNAL

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		NORTHBOUND Bromley			SOUTHBOUND Bromley			EASTBOUND Pacific			WESTBOUND Pacific			
	LANES:	NL 0	NT 1	NR 0	SL 0	ST 1	SR 0	EL 1	ET 2	ER 0	WL 1	WT 2	WR 0	TOTAL
AM	7:00 AM	1	0	10	5	0	2	0	148	0	2	92	0	260
	7:15 AM	0	0	3	6	0	2	0	154	0	0	127	0	292
	7:30 AM	0	1	2	6	0	1	0	193	0	2	128	0	333
	7:45 AM	0	0	3	3	0	0	0	169	0	0	140	0	315
	8:00 AM	0	0	3	2	0	0	0	128	0	4	120	0	257
	8:15 AM	1	0	2	2	0	0	0	150	0	1	110	1	267
	8:30 AM	0	0	2	7	0	0	1	160	1	2	97	0	270
	8:45 AM	0	0	3	1	0	0	0	162	0	0	94	0	260
	VOLUMES	2	1	28	32	0	5	1	1,264	1	11	908	1	2,259
	APPROACH %	6%	3%	90%	86%	0%	14%	0%	100%	0%	1%	98%	0%	
	APP/DEPART	31	/	3	37	/	12	1,267	/	1,328	924	/	916	0
	BEGIN PEAK HR		7:00 AM											
	VOLUMES	1	1	18	20	0	5	0	664	0	4	487	0	1,202
	APPROACH %	5%	5%	90%	80%	0%	20%	0%	100%	0%	1%	99%	0%	
	PEAK HR FACTOR		0.455			0.781			0.860			0.880		0.897
	APP/DEPART	20	/	1	25	/	4	664	/	704	493	/	493	0
PM	4:00 PM	0	0	4	3	0	0	0	193	1	3	127	1	332
	4:15 PM	0	2	3	0	0	0	1	167	0	2	143	4	322
	4:30 PM	0	0	2	1	1	0	0	226	1	3	144	1	379
	4:45 PM	0	1	2	4	0	0	3	246	0	2	148	0	406
	5:00 PM	0	0	3	5	1	0	0	222	0	4	163	0	398
	5:15 PM	0	2	0	1	0	0	0	198	0	1	163	2	367
	5:30 PM	0	0	3	3	0	0	2	212	0	1	167	2	390
	5:45 PM	1	1	4	3	0	1	0	214	2	2	137	1	366
	VOLUMES	1	6	21	20	2	1	6	1,678	4	18	1,192	11	2,961
	APPROACH %	4%	21%	75%	87%	9%	4%	0%	99%	0%	1%	98%	1%	
	APP/DEPART	28	/	23	23	/	24	1,688	/	1,720	1,222	/	1,194	0
	BEGIN PEAK HR		4:45 PM											
	VOLUMES	0	3	8	13	1	0	5	878	0	8	641	4	1,561
	APPROACH %	0%	27%	73%	93%	7%	0%	1%	99%	0%	1%	98%	1%	
	PEAK HR FACTOR		0.917			0.583			0.887			0.960		0.961
	APP/DEPART	11	/	12	14	/	9	883	/	899	653	/	641	0

INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 pacific@aimtd.com

DATE:				
Wed, Mar 18, 15	LOCATION:	Baldwin Park	PROJECT #:	SC0562
	NORTH & SOUTH:	Puente	LOCATION #:	2
	EAST & WEST:	Pacific	CONTROL:	SIGNAL

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		NORTHBOUND Puente			SOUTHBOUND Puente			EASTBOUND Pacific			WESTBOUND Pacific			
	LANES:	NL 1	NT 2	NR 0	SL 1	ST 2	SR 0	EL 1	ET 2	ER 0	WL 1	WT 2	WR 0	TOTAL
AM	7:00 AM	20	42	15	14	159	20	4	119	19	9	98	5	524
	7:15 AM	35	50	14	16	148	15	8	125	19	14	118	7	569
	7:30 AM	38	80	18	15	132	13	13	188	40	13	137	4	691
	7:45 AM	43	72	8	13	127	18	12	128	25	18	135	17	616
	8:00 AM	27	55	5	27	128	18	18	117	44	10	139	14	602
	8:15 AM	40	69	14	24	120	24	22	116	26	18	94	10	577
	8:30 AM	28	103	11	22	143	49	67	137	28	11	87	12	698
	8:45 AM	37	71	11	26	129	46	19	133	23	13	96	8	612
	VOLUMES	268	542	96	157	1,086	203	163	1,063	224	106	904	77	4,889
	APPROACH %	30%	60%	11%	11%	75%	14%	11%	73%	15%	10%	83%	7%	
	APP/DEPART	906	/	782	1,446	/	1,416	1,450	/	1,316	1,087	/	1,375	0
	BEGIN PEAK HR		7:45 AM											
	VOLUMES	138	299	38	86	518	109	119	498	123	57	455	53	2,493
	APPROACH %	29%	63%	8%	12%	73%	15%	16%	67%	17%	10%	81%	9%	
	PEAK HR FACTOR		0.836			0.833			0.797			0.831		0.893
	APP/DEPART	475	/	471	713	/	698	740	/	622	565	/	702	0
PM	4:00 PM	31	119	18	17	79	7	26	177	35	10	122	17	658
	4:15 PM	43	130	11	9	75	15	31	163	34	16	119	18	664
	4:30 PM	37	156	16	18	82	22	25	189	34	9	129	17	734
	4:45 PM	43	148	25	18	76	15	32	200	37	8	118	12	732
	5:00 PM	48	107	19	18	98	16	28	209	41	16	149	19	768
	5:15 PM	38	145	13	11	75	10	26	169	33	9	126	12	667
	5:30 PM	56	102	12	19	79	16	24	140	35	9	118	11	621
	5:45 PM	54	124	23	17	73	30	37	205	51	9	129	14	766
	VOLUMES	350	1,031	137	127	637	131	229	1,452	300	86	1,010	120	5,610
	APPROACH %	23%	68%	9%	14%	71%	15%	12%	73%	15%	7%	83%	10%	
	APP/DEPART	1,518	/	1,380	895	/	1,023	1,981	/	1,716	1,216	/	1,491	0
	BEGIN PEAK HR		4:30 PM											
	VOLUMES	166	556	73	65	331	63	111	767	145	42	522	60	2,901
	APPROACH %	21%	70%	9%	14%	72%	14%	11%	75%	14%	7%	84%	10%	
	PEAK HR FACTOR		0.920			0.869			0.920			0.848		0.944
	APP/DEPART	795	/	727	459	/	518	1,023	/	905	624	/	751	0

INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 pacific@aimtd.com

DATE:				
Wed, Mar 18, 15	LOCATION:	Baldwin Park	PROJECT #:	SC0562
	NORTH & SOUTH:	Big Dalton	LOCATION #:	1
	EAST & WEST:	Pacific/Driveway	CONTROL:	SIGNAL

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		NORTHBOUND Big Dalton			SOUTHBOUND Dwy			EASTBOUND Pacific/Driveway			WESTBOUND Pacific/Driveway			
		NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	LANES:	0	1	0	0	1	0	1	2	0	1	2	0	
AM	7:00 AM	13	0	12	0	1	0	1	129	6	8	129	0	299
	7:15 AM	19	0	9	0	0	1	1	143	4	8	162	0	347
	7:30 AM	34	0	14	3	0	0	0	205	4	8	172	0	440
	7:45 AM	42	0	16	0	0	1	0	137	16	12	179	0	403
	8:00 AM	25	0	14	0	0	0	1	165	23	8	174	1	411
	8:15 AM	13	0	8	1	3	0	0	157	14	11	147	0	354
	8:30 AM	32	0	27	0	1	0	0	206	12	10	151	0	439
	8:45 AM	20	0	18	0	0	0	0	160	15	16	159	0	388
	VOLUMES	198	0	118	4	5	2	3	1,302	94	81	1,273	1	3,081
	APPROACH %	63%	0%	37%	36%	45%	18%	0%	93%	7%	6%	94%	0%	
	APP/DEPART	316	/	4	11	/	180	1,399	/	1,424	1,355	/	1,473	0
	BEGIN PEAK HR		7:30 AM											
	VOLUMES	114	0	52	4	3	1	1	664	57	39	672	1	1,608
	APPROACH %	69%	0%	31%	50%	38%	13%	0%	92%	8%	5%	94%	0%	
	PEAK HR FACTOR		0.716			0.500			0.864			0.932		0.914
	APP/DEPART	166	/	2	8	/	99	722	/	720	712	/	787	0
PM	4:00 PM	15	1	12	0	0	1	0	228	24	5	151	0	437
	4:15 PM	14	0	24	0	0	0	1	210	23	8	170	1	451
	4:30 PM	20	0	20	0	0	0	0	242	19	6	178	0	485
	4:45 PM	27	0	16	0	0	0	0	258	18	12	166	0	497
	5:00 PM	21	0	20	0	0	0	1	257	30	4	205	0	538
	5:15 PM	31	0	16	0	0	1	0	211	28	7	164	0	458
	5:30 PM	23	0	18	0	0	0	1	177	19	21	164	1	424
	5:45 PM	22	1	20	0	0	0	0	272	25	10	198	1	549
	VOLUMES	173	2	146	0	0	2	3	1,855	186	73	1,396	3	3,839
	APPROACH %	54%	1%	45%	0%	0%	100%	0%	91%	9%	5%	95%	0%	
	APP/DEPART	321	/	8	2	/	259	2,044	/	2,001	1,472	/	1,571	0
	BEGIN PEAK HR		4:30 PM											
	VOLUMES	99	0	72	0	0	1	1	968	95	29	713	0	1,978
	APPROACH %	58%	0%	42%	0%	0%	100%	0%	91%	9%	4%	96%	0%	
	PEAK HR FACTOR		0.910			0.250			0.924			0.888		0.919
	APP/DEPART	171	/	1	1	/	124	1,064	/	1,040	742	/	813	0

APPENDIX D

ICU & HCM ANALYSIS SHEETS

EXISTING CONDITIONS

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.726
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	53	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	248	242	25	131	157	310	254	415	284	151	466	134
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	248	242	25	131	157	310	254	415	284	151	466	134
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	248	242	25	131	157	310	254	415	284	151	466	134
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	248	242	25	131	157	310	254	415	284	151	466	134
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	248	242	25	131	157	310	254	415	284	151	466	134
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.19	0.81	1.00	1.55	0.45
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	1900	1300	1600	2485	715
Capacity Analysis Module:												
Vol/Sat:	0.09	0.15	0.02	0.08	0.05	0.19	0.16	0.22	0.22	0.09	0.19	0.19
Crit Moves:	****					****	****				****	

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.456
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	31	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:												
Base Vol:	39	672	1	1	664	57	114	0	52	4	3	1
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	39	672	1	1	664	57	114	0	52	4	3	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	39	672	1	1	664	57	114	0	52	4	3	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	39	672	1	1	664	57	114	0	52	4	3	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	39	672	1	1	664	57	114	0	52	4	3	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.84	0.16	0.69	0.00	0.31	0.50	0.38	0.12
Final Sat.:	1600	3195	5	1600	2947	253	1099	0	501	800	600	200
Capacity Analysis Module:												
Vol/Sat:	0.02	0.21	0.21	0.00	0.23	0.23	0.07	0.00	0.10	0.00	0.01	0.01
Crit Moves:	****				****				****	****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.615
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	41	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	57	455	53	119	498	123	138	299	38	86	518	109
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	455	53	119	498	123	138	299	38	86	518	109
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	57	455	53	119	498	123	138	299	38	86	518	109
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	57	455	53	119	498	123	138	299	38	86	518	109
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	57	455	53	119	498	123	138	299	38	86	518	109
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.79	0.21	1.00	1.60	0.40	1.00	1.77	0.23	1.00	1.65	0.35
Final Sat.:	1600	2866	334	1600	2566	634	1600	2839	361	1600	2644	556
Capacity Analysis Module:												
Vol/Sat:	0.04	0.16	0.16	0.07	0.19	0.19	0.09	0.11	0.11	0.05	0.20	0.20
Crit Moves:		****		****			****				****	

Intersection	
Intersection Delay, s/veh	16
Intersection LOS	C

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Vol, veh/h	0	9	236	0	180	260	0	412	27
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	9	236	0	180	260	0	412	27
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	13.1	10.4	23.2
HCM LOS	B	B	C

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	180	130	130	245	412	27
LT Vol	180	0	0	9	0	0
Through Vol	0	130	130	0	412	0
RT Vol	0	0	0	236	0	27
Lane Flow Rate	180	130	130	245	412	27
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.323	0.215	0.151	0.413	0.726	0.042
Departure Headway (Hd)	6.459	5.951	4.189	6.071	6.348	5.637
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	556	602	852	590	569	633
Service Time	4.207	3.699	1.937	3.825	4.101	3.39
HCM Lane V/C Ratio	0.324	0.216	0.153	0.415	0.724	0.043
HCM Control Delay	12.3	10.3	7.7	13.1	24.2	8.6
HCM Lane LOS	B	B	A	B	C	A
HCM 95th-tile Q	1.4	0.8	0.5	2	6	0.1

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.335
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	26	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:												
Base Vol:	4	487	0	0	664	0	1	1	18	20	0	5
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	4	487	0	0	664	0	1	1	18	20	0	5
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	4	487	0	0	664	0	1	1	18	20	0	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	4	487	0	0	664	0	1	1	18	20	0	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	4	487	0	0	664	0	1	1	18	20	0	5
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	2.00	0.00	0.05	0.05	0.90	0.80	0.00	0.20
Final Sat.:	1600	3200	0	1600	3200	0	80	80	1440	1280	0	320
Capacity Analysis Module:												
Vol/Sat:	0.00	0.15	0.00	0.00	0.21	0.00	0.00	0.01	0.01	0.01	0.00	0.02
Crit Moves:	****				****			****		****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.800
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	67	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	342	295	48	201	270	351	319	706	211	96	351	168
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	342	295	48	201	270	351	319	706	211	96	351	168
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	342	295	48	201	270	351	319	706	211	96	351	168
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	342	295	48	201	270	351	319	706	211	96	351	168
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	342	295	48	201	270	351	319	706	211	96	351	168
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.54	0.46	1.00	1.35	0.65
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	2464	736	1600	2164	1036
Capacity Analysis Module:												
Vol/Sat:	0.12	0.18	0.03	0.13	0.08	0.22	0.20	0.29	0.29	0.06	0.16	0.16
Crit Moves:	****					****	****				****	

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.557
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	37	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	0	0 1
Volume Module:												
Base Vol:	29	713	0	1	968	95	99	0	72	0	0	1
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	29	713	0	1	968	95	99	0	72	0	0	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	29	713	0	1	968	95	99	0	72	0	0	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	29	713	0	1	968	95	99	0	72	0	0	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	29	713	0	1	968	95	99	0	72	0	0	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	1.82	0.18	0.58	0.00	0.42	0.00	0.00	1.00
Final Sat.:	1600	3200	0	1600	2914	286	926	0	674	0	0	1600
Capacity Analysis Module:												
Vol/Sat:	0.02	0.22	0.00	0.00	0.33	0.33	0.06	0.00	0.11	0.00	0.00	0.00
Crit Moves:	****				****				****	****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.648
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	44	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	42	522	60	111	767	145	166	556	73	65	331	63
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	42	522	60	111	767	145	166	556	73	65	331	63
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	42	522	60	111	767	145	166	556	73	65	331	63
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	42	522	60	111	767	145	166	556	73	65	331	63
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	42	522	60	111	767	145	166	556	73	65	331	63
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.79	0.21	1.00	1.68	0.32	1.00	1.77	0.23	1.00	1.68	0.32
Final Sat.:	1600	2870	330	1600	2691	509	1600	2829	371	1600	2688	512
Capacity Analysis Module:												
Vol/Sat:	0.03	0.18	0.18	0.07	0.29	0.28	0.10	0.20	0.20	0.04	0.12	0.12
Crit Moves:	****				****			****		****		

Intersection	
Intersection Delay, s/veh	11.6
Intersection LOS	B

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Vol, veh/h	0	6	156	0	208	539	0	282	21
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	6	156	0	208	539	0	282	21
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	11.1	10.3	15
HCM LOS	B	B	B

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	208	270	270	162	282	21
LT Vol	208	0	0	6	0	0
Through Vol	0	270	270	0	282	0
RT Vol	0	0	0	156	0	21
Lane Flow Rate	208	270	270	162	282	21
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.339	0.401	0.27	0.275	0.504	0.033
Departure Headway (Hd)	5.984	5.479	3.727	6.112	6.434	5.726
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	605	660	970	590	561	627
Service Time	3.684	3.179	1.427	3.828	4.148	3.44
HCM Lane V/C Ratio	0.344	0.409	0.278	0.275	0.503	0.033
HCM Control Delay	11.7	11.8	7.8	11.1	15.5	8.6
HCM Lane LOS	B	B	A	B	C	A
HCM 95th-tile Q	1.5	1.9	1.1	1.1	2.8	0.1

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.394
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	28	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	0	1 0	0 1	0	0 0
Volume Module:												
Base Vol:	8	641	4	5	878	0	0	3	8	13	1	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	8	641	4	5	878	0	0	3	8	13	1	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	8	641	4	5	878	0	0	3	8	13	1	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	8	641	4	5	878	0	0	3	8	13	1	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	8	641	4	5	878	0	0	3	8	13	1	0
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	2.00	0.00	0.00	0.27	0.73	0.93	0.07	0.00
Final Sat.:	1600	3180	20	1600	3200	0	0	436	1164	1486	114	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.20	0.20	0.00	0.27	0.00	0.00	0.01	0.01	0.01	0.01	0.00
Crit Moves:	****				****			****		****		

EXISTING PLUS PROJECT CONDITIONS

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Plus Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.727
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	54	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	248	242	25	131	157	310	254	415	284	151	466	134
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	248	242	25	131	157	310	254	415	284	151	466	134
Added Vol:	0	0	2	0	0	0	0	1	0	7	3	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	248	242	27	131	157	310	254	416	284	158	469	134
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	248	242	27	131	157	310	254	416	284	158	469	134
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	248	242	27	131	157	310	254	416	284	158	469	134
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	248	242	27	131	157	310	254	416	284	158	469	134
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.19	0.81	1.00	1.56	0.44
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	1902	1298	1600	2489	711
Capacity Analysis Module:												
Vol/Sat:	0.09	0.15	0.02	0.08	0.05	0.19	0.16	0.22	0.22	0.10	0.19	0.19
Crit Moves:	****					****	****				****	

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Plus Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.457
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	31	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:												
Base Vol:	39	672	1	1	664	57	114	0	52	4	3	1
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	39	672	1	1	664	57	114	0	52	4	3	1
Added Vol:	0	5	0	0	2	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	39	677	1	1	666	57	114	0	52	4	3	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	39	677	1	1	666	57	114	0	52	4	3	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	39	677	1	1	666	57	114	0	52	4	3	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	39	677	1	1	666	57	114	0	52	4	3	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.84	0.16	0.69	0.00	0.31	0.50	0.38	0.12
Final Sat.:	1600	3195	5	1600	2948	252	1099	0	501	800	600	200
Capacity Analysis Module:												
Vol/Sat:	0.02	0.21	0.21	0.00	0.23	0.23	0.07	0.00	0.10	0.00	0.01	0.01
Crit Moves:	****				****				****	****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Plus Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.619
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	42	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	57	455	53	119	498	123	138	299	38	86	518	109
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	57	455	53	119	498	123	138	299	38	86	518	109
Added Vol:	0	2	0	5	7	9	3	0	0	0	0	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	57	457	53	124	505	132	141	299	38	86	518	111
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	57	457	53	124	505	132	141	299	38	86	518	111
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	57	457	53	124	505	132	141	299	38	86	518	111
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	57	457	53	124	505	132	141	299	38	86	518	111
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.79	0.21	1.00	1.59	0.41	1.00	1.77	0.23	1.00	1.65	0.35
Final Sat.:	1600	2867	333	1600	2537	663	1600	2839	361	1600	2635	565
Capacity Analysis Module:												
Vol/Sat:	0.04	0.16	0.16	0.08	0.20	0.20	0.09	0.11	0.11	0.05	0.20	0.20
Crit Moves:	****				****		****				****	

Intersection	
Intersection Delay, s/veh	16.1
Intersection LOS	C

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Vol, veh/h	0	9	237	0	184	261	0	412	27
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	9	237	0	184	261	0	412	27
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	13.1	10.4	23.5
HCM LOS	B	B	C

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	184	131	131	246	412	27
LT Vol	184	0	0	9	0	0
Through Vol	0	131	131	0	412	0
RT Vol	0	0	0	237	0	27
Lane Flow Rate	184	130	130	246	412	27
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.331	0.216	0.152	0.416	0.729	0.042
Departure Headway (Hd)	6.467	5.959	4.197	6.082	6.366	5.655
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	556	602	850	590	569	631
Service Time	4.218	3.709	1.947	3.84	4.12	3.409
HCM Lane V/C Ratio	0.331	0.216	0.153	0.417	0.724	0.043
HCM Control Delay	12.4	10.4	7.7	13.1	24.5	8.7
HCM Lane LOS	B	B	A	B	C	A
HCM 95th-tile Q	1.4	0.8	0.5	2	6.1	0.1

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Plus Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.337
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	26	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 1	0	1 0	1 1	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:												
Base Vol:	4	487	0	0	664	0	1	1	18	20	0	5
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	4	487	0	0	664	0	1	1	18	20	0	5
Added Vol:	0	2	0	0	7	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	4	489	0	0	671	0	1	1	18	20	0	5
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	4	489	0	0	671	0	1	1	18	20	0	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	4	489	0	0	671	0	1	1	18	20	0	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	4	489	0	0	671	0	1	1	18	20	0	5
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	2.00	0.00	0.05	0.05	0.90	0.80	0.00	0.20
Final Sat.:	1600	3200	0	1600	3200	0	80	80	1440	1280	0	320
Capacity Analysis Module:												
Vol/Sat:	0.00	0.15	0.00	0.00	0.21	0.00	0.00	0.01	0.01	0.01	0.00	0.02
Crit Moves:	****				****			****		****		

Intersection	
Int Delay, s/veh	0.4

Movement	SEL	SET	NWT	NWR	SWL	SWR
Vol, veh/h	2	720	712	7	21	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	720	712	7	21	5

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	719	0	-	0	1080	360
Stage 1	-	-	-	-	716	-
Stage 2	-	-	-	-	364	-
Critical Hdwy	4.14	-	-	-	6.84	6.94
Critical Hdwy Stg 1	-	-	-	-	5.84	-
Critical Hdwy Stg 2	-	-	-	-	5.84	-
Follow-up Hdwy	2.22	-	-	-	3.52	3.32
Pot Cap-1 Maneuver	878	-	-	-	213	637
Stage 1	-	-	-	-	445	-
Stage 2	-	-	-	-	673	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	878	-	-	-	212	637
Mov Cap-2 Maneuver	-	-	-	-	212	-
Stage 1	-	-	-	-	445	-
Stage 2	-	-	-	-	670	-

Approach	SE	NW	SW
HCM Control Delay, s	0	0	21.6
HCM LOS			C

Minor Lane/Major Mvmt	NWT	NWR	SEL	SET	SWLn1
Capacity (veh/h)	-	-	878	-	243
HCM Lane V/C Ratio	-	-	0.002	-	0.107
HCM Control Delay (s)	-	-	9.1	0	21.6
HCM Lane LOS	-	-	A	A	C
HCM 95th %tile Q(veh)	-	-	0	-	0.4

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Plus Project Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.800
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	67	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	342	295	48	201	270	351	319	706	211	96	351	168
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	342	295	48	201	270	351	319	706	211	96	351	168
Added Vol:	0	0	8	0	0	0	0	3	0	4	2	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	342	295	56	201	270	351	319	709	211	100	353	168
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	342	295	56	201	270	351	319	709	211	100	353	168
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	342	295	56	201	270	351	319	709	211	100	353	168
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	342	295	56	201	270	351	319	709	211	100	353	168
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.54	0.46	1.00	1.36	0.64
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	2466	734	1600	2168	1032
Capacity Analysis Module:												
Vol/Sat:	0.12	0.18	0.04	0.13	0.08	0.22	0.20	0.29	0.29	0.06	0.16	0.16
Crit Moves:	****					****	****				****	

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Plus Project Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.559
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	37	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	0	0 1
Volume Module:												
Base Vol:	29	713	0	1	968	95	99	0	72	0	0	1
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	29	713	0	1	968	95	99	0	72	0	0	1
Added Vol:	0	3	0	0	6	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	29	716	0	1	974	95	99	0	72	0	0	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	29	716	0	1	974	95	99	0	72	0	0	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	29	716	0	1	974	95	99	0	72	0	0	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	29	716	0	1	974	95	99	0	72	0	0	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	1.82	0.18	0.58	0.00	0.42	0.00	0.00	1.00
Final Sat.:	1600	3200	0	1600	2916	284	926	0	674	0	0	1600
Capacity Analysis Module:												
Vol/Sat:	0.02	0.22	0.00	0.00	0.33	0.33	0.06	0.00	0.11	0.00	0.00	0.00
Crit Moves:	****				****				****	****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Plus Project Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.652
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	45	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	42	522	60	111	767	145	166	556	73	65	331	63
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	42	522	60	111	767	145	166	556	73	65	331	63
Added Vol:	0	8	0	3	4	6	11	0	0	0	0	6
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	42	530	60	114	771	151	177	556	73	65	331	69
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	42	530	60	114	771	151	177	556	73	65	331	69
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	42	530	60	114	771	151	177	556	73	65	331	69
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	42	530	60	114	771	151	177	556	73	65	331	69
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.80	0.20	1.00	1.67	0.33	1.00	1.77	0.23	1.00	1.66	0.34
Final Sat.:	1600	2875	325	1600	2676	524	1600	2829	371	1600	2648	552
Capacity Analysis Module:												
Vol/Sat:	0.03	0.18	0.18	0.07	0.29	0.29	0.11	0.20	0.20	0.04	0.13	0.13
Crit Moves:	****				****			****		****		

Intersection	
Intersection Delay, s/veh	11.8
Intersection LOS	B

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Vol, veh/h	0	6	161	0	211	540	0	284	21
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	6	161	0	211	540	0	284	21
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	11.3	10.5	15.3
HCM LOS	B	B	C

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	211	270	270	167	284	21
LT Vol	211	0	0	6	0	0
Through Vol	0	270	270	0	284	0
RT Vol	0	0	0	161	0	21
Lane Flow Rate	211	270	270	167	284	21
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.351	0.411	0.28	0.284	0.51	0.034
Departure Headway (Hd)	5.987	5.482	3.73	6.13	6.466	5.758
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	601	659	964	586	557	622
Service Time	3.711	3.206	1.453	3.868	4.202	3.494
HCM Lane V/C Ratio	0.351	0.41	0.28	0.285	0.51	0.034
HCM Control Delay	11.9	12	7.9	11.3	15.8	8.7
HCM Lane LOS	B	B	A	B	C	A
HCM 95th-tile Q	1.6	2	1.2	1.2	2.9	0.1

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Existing Plus Project Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.396
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	28	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	0	1 0	0 1	0	0 0
Volume Module:												
Base Vol:	8	641	4	5	878	0	0	3	8	13	1	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	8	641	4	5	878	0	0	3	8	13	1	0
Added Vol:	0	8	0	0	4	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	8	649	4	5	882	0	0	3	8	13	1	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	8	649	4	5	882	0	0	3	8	13	1	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	8	649	4	5	882	0	0	3	8	13	1	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	8	649	4	5	882	0	0	3	8	13	1	0
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	2.00	0.00	0.00	0.27	0.73	0.93	0.07	0.00
Final Sat.:	1600	3180	20	1600	3200	0	0	436	1164	1486	114	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.20	0.20	0.00	0.28	0.00	0.00	0.01	0.01	0.01	0.01	0.00
Crit Moves:	****				****			****		****		

Intersection	
Int Delay, s/veh	0.4

Movement	SEL	SET	NWT	NWR	SWL	SWR
Vol, veh/h	6	1040	732	24	14	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	6	1040	732	24	14	3

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	756	0	-	0	1276	378
Stage 1	-	-	-	-	744	-
Stage 2	-	-	-	-	532	-
Critical Hdwy	4.14	-	-	-	6.84	6.94
Critical Hdwy Stg 1	-	-	-	-	5.84	-
Critical Hdwy Stg 2	-	-	-	-	5.84	-
Follow-up Hdwy	2.22	-	-	-	3.52	3.32
Pot Cap-1 Maneuver	851	-	-	-	158	620
Stage 1	-	-	-	-	431	-
Stage 2	-	-	-	-	553	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	851	-	-	-	155	620
Mov Cap-2 Maneuver	-	-	-	-	155	-
Stage 1	-	-	-	-	431	-
Stage 2	-	-	-	-	544	-

Approach	SE	NW	SW
HCM Control Delay, s	0.2	0	27.2
HCM LOS			D

Minor Lane/Major Mvmt	NWT	NWR	SEL	SET	SWLn1
Capacity (veh/h)	-	-	851	-	179
HCM Lane V/C Ratio	-	-	0.007	-	0.095
HCM Control Delay (s)	-	-	9.3	0.1	27.2
HCM Lane LOS	-	-	A	A	D
HCM 95th %tile Q(veh)	-	-	0	-	0.3

PROJECT OPENING YEAR WITHOUT PROJECT CONDITIONS

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Project Opening Year Without Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.739
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	55	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	248	242	25	131	157	310	254	415	284	151	466	134
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	253	247	26	134	160	316	259	423	290	154	475	137
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	253	247	26	134	160	316	259	423	290	154	475	137
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	253	247	26	134	160	316	259	423	290	154	475	137
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	253	247	26	134	160	316	259	423	290	154	475	137
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.19	0.81	1.00	1.55	0.45
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	1900	1300	1600	2485	715
Capacity Analysis Module:												
Vol/Sat:	0.09	0.15	0.02	0.08	0.05	0.20	0.16	0.22	0.22	0.10	0.19	0.19
Crit Moves:	****					****	****				****	

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Project Opening Year Without Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.463
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	31	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:												
Base Vol:	39	672	1	1	664	57	114	0	52	4	3	1
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	40	685	1	1	677	58	116	0	53	4	3	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	40	685	1	1	677	58	116	0	53	4	3	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	40	685	1	1	677	58	116	0	53	4	3	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	40	685	1	1	677	58	116	0	53	4	3	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.84	0.16	0.69	0.00	0.31	0.50	0.38	0.12
Final Sat.:	1600	3195	5	1600	2947	253	1099	0	501	800	600	200
Capacity Analysis Module:												
Vol/Sat:	0.02	0.21	0.21	0.00	0.23	0.23	0.07	0.00	0.11	0.00	0.01	0.01
Crit Moves:	****				****				****	****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Project Opening Year Without Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.622
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	42	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	57	455	53	119	498	123	138	299	38	86	518	109
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	58	464	54	121	508	125	141	305	39	88	528	111
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	58	464	54	121	508	125	141	305	39	88	528	111
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	464	54	121	508	125	141	305	39	88	528	111
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	58	464	54	121	508	125	141	305	39	88	528	111
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.79	0.21	1.00	1.60	0.40	1.00	1.77	0.23	1.00	1.65	0.35
Final Sat.:	1600	2866	334	1600	2566	634	1600	2839	361	1600	2644	556
Capacity Analysis Module:												
Vol/Sat:	0.04	0.16	0.16	0.08	0.20	0.20	0.09	0.11	0.11	0.05	0.20	0.20
Crit Moves:	****				****		****				****	

Intersection	
Intersection Delay, s/veh	16.6
Intersection LOS	C

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Vol, veh/h	0	9	241	0	184	265	0	420	28
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	9	241	0	184	265	0	420	28
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	13.4	10.5	24.6
HCM LOS	B	B	C

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	184	133	133	250	420	28
LT Vol	184	0	0	9	0	0
Through Vol	0	133	133	0	420	0
RT Vol	0	0	0	241	0	28
Lane Flow Rate	184	132	132	250	420	28
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.332	0.221	0.156	0.425	0.746	0.044
Departure Headway (Hd)	6.503	5.995	4.233	6.118	6.395	5.684
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	552	598	843	588	563	627
Service Time	4.256	3.748	1.984	3.876	4.153	3.441
HCM Lane V/C Ratio	0.333	0.221	0.157	0.425	0.746	0.045
HCM Control Delay	12.5	10.5	7.8	13.4	25.7	8.7
HCM Lane LOS	B	B	A	B	D	A
HCM 95th-tile Q	1.4	0.8	0.6	2.1	6.5	0.1

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Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.340
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	26	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:												
Base Vol:	4	487	0	0	664	0	1	1	18	20	0	5
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	4	497	0	0	677	0	1	1	18	20	0	5
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	4	497	0	0	677	0	1	1	18	20	0	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	4	497	0	0	677	0	1	1	18	20	0	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	4	497	0	0	677	0	1	1	18	20	0	5
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	2.00	0.00	0.05	0.05	0.90	0.79	0.01	0.20
Final Sat.:	1600	3200	0	1600	3200	0	80	80	1440	1280	0	320
Capacity Analysis Module:												
Vol/Sat:	0.00	0.16	0.00	0.00	0.21	0.00	0.00	0.01	0.01	0.01	0.00	0.02
Crit Moves:	****				****			****		****		

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Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.814
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	70	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	342	295	48	201	270	351	319	706	211	96	351	168
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	349	301	49	205	275	358	325	720	215	98	358	171
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	349	301	49	205	275	358	325	720	215	98	358	171
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	349	301	49	205	275	358	325	720	215	98	358	171
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	349	301	49	205	275	358	325	720	215	98	358	171
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.54	0.46	1.00	1.35	0.65
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	2464	736	1600	2164	1036
Capacity Analysis Module:												
Vol/Sat:	0.12	0.19	0.03	0.13	0.09	0.22	0.20	0.29	0.29	0.06	0.17	0.17
Crit Moves:	****					****	****				****	

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PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.566
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	37	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	0	0 1
Volume Module:												
Base Vol:	29	713	0	1	968	95	99	0	72	0	0	1
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	30	727	0	1	987	97	101	0	73	0	0	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	30	727	0	1	987	97	101	0	73	0	0	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	30	727	0	1	987	97	101	0	73	0	0	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	30	727	0	1	987	97	101	0	73	0	0	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	1.82	0.18	0.58	0.00	0.42	0.00	0.00	1.00
Final Sat.:	1600	3200	0	1600	2914	286	926	0	674	0	0	1600
Capacity Analysis Module:												
Vol/Sat:	0.02	0.23	0.00	0.00	0.34	0.34	0.06	0.00	0.11	0.00	0.00	0.00
Crit Moves:	****				****				****	****		

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PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.659
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	45	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	42	522	60	111	767	145	166	556	73	65	331	63
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	43	532	61	113	782	148	169	567	74	66	338	64
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	532	61	113	782	148	169	567	74	66	338	64
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	532	61	113	782	148	169	567	74	66	338	64
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	532	61	113	782	148	169	567	74	66	338	64
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.79	0.21	1.00	1.68	0.32	1.00	1.77	0.23	1.00	1.68	0.32
Final Sat.:	1600	2870	330	1600	2691	509	1600	2829	371	1600	2688	512
Capacity Analysis Module:												
Vol/Sat:	0.03	0.19	0.19	0.07	0.29	0.29	0.11	0.20	0.20	0.04	0.13	0.13
Crit Moves:	****				****			****		****		

Intersection	
Intersection Delay, s/veh	11.9
Intersection LOS	B

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Vol, veh/h	0	6	159	0	212	550	0	288	21
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	6	159	0	212	550	0	288	21
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	11.3	10.6	15.5
HCM LOS	B	B	C

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	212	275	275	165	288	21
LT Vol	212	0	0	6	0	0
Through Vol	0	275	275	0	288	0
RT Vol	0	0	0	159	0	21
Lane Flow Rate	212	275	275	165	288	21
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.353	0.419	0.277	0.282	0.518	0.034
Departure Headway (Hd)	5.986	5.481	3.754	6.155	6.475	5.766
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	602	657	963	584	559	621
Service Time	3.712	3.207	1.454	3.886	4.206	3.497
HCM Lane V/C Ratio	0.352	0.419	0.286	0.283	0.515	0.034
HCM Control Delay	12	12.1	7.9	11.3	16	8.7
HCM Lane LOS	B	B	A	B	C	A
HCM 95th-tile Q	1.6	2.1	1.1	1.2	3	0.1

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Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.400
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	29	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	0	1 0	0 1	0	0 0
Volume Module:												
Base Vol:	8	641	4	5	878	0	0	3	8	13	1	0
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	8	654	4	5	896	0	0	3	8	13	1	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	8	654	4	5	896	0	0	3	8	13	1	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	8	654	4	5	896	0	0	3	8	13	1	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	8	654	4	5	896	0	0	3	8	13	1	0
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	2.00	0.00	0.00	0.27	0.73	0.93	0.07	0.00
Final Sat.:	1600	3180	20	1600	3200	0	0	436	1164	1486	114	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.21	0.21	0.00	0.28	0.00	0.00	0.01	0.01	0.01	0.01	0.00
Crit Moves:	****				****			****		****		

PROJECT OPENING YEAR WITH PROJECT CONDITIONS

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Project Opening Year With Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.740
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	55	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	248	242	25	131	157	310	254	415	284	151	466	134
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	253	247	26	134	160	316	259	423	290	154	475	137
Added Vol:	0	0	2	0	0	0	0	1	0	7	3	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	253	247	28	134	160	316	259	424	290	161	478	137
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	253	247	28	134	160	316	259	424	290	161	478	137
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	253	247	28	134	160	316	259	424	290	161	478	137
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	253	247	28	134	160	316	259	424	290	161	478	137
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.19	0.81	1.00	1.56	0.44
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	1902	1298	1600	2489	711
Capacity Analysis Module:												
Vol/Sat:	0.09	0.15	0.02	0.08	0.05	0.20	0.16	0.22	0.22	0.10	0.19	0.19
Crit Moves:	****					****	****				****	

14827-14839 Pacific Avenue Project Traffic Impact Analysis
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AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.464
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	31	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1 1	0	1 0	1 1	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:												
Base Vol:	39	672	1	1	664	57	114	0	52	4	3	1
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	40	685	1	1	677	58	116	0	53	4	3	1
Added Vol:	0	5	0	0	2	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	40	690	1	1	679	58	116	0	53	4	3	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	40	690	1	1	679	58	116	0	53	4	3	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	40	690	1	1	679	58	116	0	53	4	3	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	40	690	1	1	679	58	116	0	53	4	3	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.84	0.16	0.69	0.00	0.31	0.50	0.38	0.12
Final Sat.:	1600	3195	5	1600	2948	252	1099	0	501	800	600	200
Capacity Analysis Module:												
Vol/Sat:	0.02	0.22	0.22	0.00	0.23	0.23	0.07	0.00	0.11	0.00	0.01	0.01
Crit Moves:	****				****				****	****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Project Opening Year With Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.630
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	43	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	57	455	53	119	498	123	138	299	38	86	518	109
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	58	464	54	121	508	125	141	305	39	88	528	111
Added Vol:	0	2	0	5	7	9	3	0	0	0	0	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	58	466	54	126	515	134	144	305	39	88	528	113
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	58	466	54	126	515	134	144	305	39	88	528	113
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	58	466	54	126	515	134	144	305	39	88	528	113
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	58	466	54	126	515	134	144	305	39	88	528	113
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.79	0.21	1.00	1.59	0.41	1.00	1.77	0.23	1.00	1.65	0.35
Final Sat.:	1600	2867	333	1600	2537	663	1600	2839	361	1600	2635	565
Capacity Analysis Module:												
Vol/Sat:	0.04	0.16	0.16	0.08	0.20	0.20	0.09	0.11	0.11	0.05	0.20	0.20
Crit Moves:	****				****		****				****	

Intersection	
Intersection Delay, s/veh	16.7
Intersection LOS	C

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Vol, veh/h	0	9	242	0	188	266	0	420	28
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	9	242	0	188	266	0	420	28
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	13.4	10.6	24.8
HCM LOS	B	B	C

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	188	133	133	251	420	28
LT Vol	188	0	0	9	0	0
Through Vol	0	133	133	0	420	0
RT Vol	0	0	0	242	0	28
Lane Flow Rate	188	133	133	251	420	28
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.34	0.222	0.157	0.427	0.748	0.044
Departure Headway (Hd)	6.509	6.001	4.238	6.129	6.411	5.7
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	551	597	841	585	563	626
Service Time	4.263	3.755	1.991	3.89	4.17	3.458
HCM Lane V/C Ratio	0.341	0.223	0.158	0.429	0.746	0.045
HCM Control Delay	12.6	10.5	7.8	13.4	25.9	8.7
HCM Lane LOS	B	B	A	B	D	A
HCM 95th-tile Q	1.5	0.8	0.6	2.1	6.5	0.1

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Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.342
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	26	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:												
Base Vol:	4	487	0	0	664	0	1	1	18	20	0	5
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	4	497	0	0	677	0	1	1	18	20	0	5
Added Vol:	0	2	0	0	7	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	4	499	0	0	684	0	1	1	18	20	0	5
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	4	499	0	0	684	0	1	1	18	20	0	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	4	499	0	0	684	0	1	1	18	20	0	5
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	4	499	0	0	684	0	1	1	18	20	0	5
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	2.00	0.00	0.05	0.05	0.90	0.79	0.01	0.20
Final Sat.:	1600	3200	0	1600	3200	0	80	80	1440	1280	0	320
Capacity Analysis Module:												
Vol/Sat:	0.00	0.16	0.00	0.00	0.21	0.00	0.00	0.01	0.01	0.01	0.00	0.02
Crit Moves:	****				****			****		****		

Intersection	
Int Delay, s/veh	0.4

Movement	SEL	SET	NWT	NWR	SWL	SWR
Vol, veh/h	2	734	726	7	21	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	734	726	7	21	5

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	733	0	-	0	1101	367
Stage 1	-	-	-	-	730	-
Stage 2	-	-	-	-	371	-
Critical Hdwy	4.14	-	-	-	6.84	6.94
Critical Hdwy Stg 1	-	-	-	-	5.84	-
Critical Hdwy Stg 2	-	-	-	-	5.84	-
Follow-up Hdwy	2.22	-	-	-	3.52	3.32
Pot Cap-1 Maneuver	868	-	-	-	206	630
Stage 1	-	-	-	-	438	-
Stage 2	-	-	-	-	668	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	868	-	-	-	205	630
Mov Cap-2 Maneuver	-	-	-	-	205	-
Stage 1	-	-	-	-	438	-
Stage 2	-	-	-	-	665	-

Approach	SE	NW	SW
HCM Control Delay, s	0	0	22.1
HCM LOS			C

Minor Lane/Major Mvmt	NWT	NWR	SEL	SET	SWLn1
Capacity (veh/h)	-	-	868	-	236
HCM Lane V/C Ratio	-	-	0.002	-	0.11
HCM Control Delay (s)	-	-	9.2	0	22.1
HCM Lane LOS	-	-	A	A	C
HCM 95th %tile Q(veh)	-	-	0	-	0.4

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Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.814
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	70	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	342	295	48	201	270	351	319	706	211	96	351	168
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	349	301	49	205	275	358	325	720	215	98	358	171
Added Vol:	0	0	8	0	0	0	0	3	0	4	2	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	349	301	57	205	275	358	325	723	215	102	360	171
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	349	301	57	205	275	358	325	723	215	102	360	171
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	349	301	57	205	275	358	325	723	215	102	360	171
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	349	301	57	205	275	358	325	723	215	102	360	171
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.54	0.46	1.00	1.36	0.64
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	2466	734	1600	2168	1032
Capacity Analysis Module:												
Vol/Sat:	0.12	0.19	0.04	0.13	0.09	0.22	0.20	0.29	0.29	0.06	0.17	0.17
Crit Moves:	****					****	****				****	

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Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.568
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	38	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	0	0 1
Volume Module:												
Base Vol:	29	713	0	1	968	95	99	0	72	0	0	1
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	30	727	0	1	987	97	101	0	73	0	0	1
Added Vol:	0	3	0	0	6	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	30	730	0	1	993	97	101	0	73	0	0	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	30	730	0	1	993	97	101	0	73	0	0	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	30	730	0	1	993	97	101	0	73	0	0	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	30	730	0	1	993	97	101	0	73	0	0	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	1.82	0.18	0.58	0.00	0.42	0.00	0.00	1.00
Final Sat.:	1600	3200	0	1600	2916	284	926	0	674	0	0	1600
Capacity Analysis Module:												
Vol/Sat:	0.02	0.23	0.00	0.00	0.34	0.34	0.06	0.00	0.11	0.00	0.00	0.00
Crit Moves:	****				****				****	****		

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Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.663
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	46	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	42	522	60	111	767	145	166	556	73	65	331	63
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	43	532	61	113	782	148	169	567	74	66	338	64
Added Vol:	0	8	0	3	4	6	11	0	0	0	0	6
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	43	540	61	116	786	154	180	567	74	66	338	70
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	43	540	61	116	786	154	180	567	74	66	338	70
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	43	540	61	116	786	154	180	567	74	66	338	70
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	43	540	61	116	786	154	180	567	74	66	338	70
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.80	0.20	1.00	1.67	0.33	1.00	1.77	0.23	1.00	1.66	0.34
Final Sat.:	1600	2874	326	1600	2676	524	1600	2829	371	1600	2649	551
Capacity Analysis Module:												
Vol/Sat:	0.03	0.19	0.19	0.07	0.29	0.29	0.11	0.20	0.20	0.04	0.13	0.13
Crit Moves:	****				****			****			****	

Intersection	
Intersection Delay, s/veh	12
Intersection LOS	B

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Vol, veh/h	0	6	164	0	215	551	0	290	21
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	6	164	0	215	551	0	290	21
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	11.4	10.7	15.7
HCM LOS	B	B	C

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	215	276	276	170	290	21
LT Vol	215	0	0	6	0	0
Through Vol	0	276	276	0	290	0
RT Vol	0	0	0	164	0	21
Lane Flow Rate	215	276	276	170	290	21
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.359	0.421	0.287	0.291	0.524	0.034
Departure Headway (Hd)	6.011	5.506	3.753	6.17	6.506	5.797
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	600	656	956	583	554	617
Service Time	3.739	3.233	1.48	3.91	4.245	3.536
HCM Lane V/C Ratio	0.358	0.421	0.289	0.292	0.523	0.034
HCM Control Delay	12.1	12.2	8	11.4	16.2	8.7
HCM Lane LOS	B	B	A	B	C	A
HCM 95th-tile Q	1.6	2.1	1.2	1.2	3	0.1

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Project Opening Year With Project Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.402
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	29	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	0	1 0	0 1	0	0 0
Volume Module:												
Base Vol:	8	641	4	5	878	0	0	3	8	13	1	0
Growth Adj:	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Initial Bse:	8	654	4	5	896	0	0	3	8	13	1	0
Added Vol:	0	8	0	0	4	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	8	662	4	5	900	0	0	3	8	13	1	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	8	662	4	5	900	0	0	3	8	13	1	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	8	662	4	5	900	0	0	3	8	13	1	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	8	662	4	5	900	0	0	3	8	13	1	0
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	2.00	0.00	0.00	0.27	0.73	0.93	0.07	0.00
Final Sat.:	1600	3180	20	1600	3200	0	0	436	1164	1486	114	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.21	0.21	0.00	0.28	0.00	0.00	0.01	0.01	0.01	0.01	0.00
Crit Moves:	****				****			****		****		

Intersection	
Int Delay, s/veh	0.4

Movement	SEL	SET	NWT	NWR	SWL	SWR
Vol, veh/h	6	1061	747	24	14	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	6	1061	747	24	14	3

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	771	0	-	0	1302	386
Stage 1	-	-	-	-	759	-
Stage 2	-	-	-	-	543	-
Critical Hdwy	4.14	-	-	-	6.84	6.94
Critical Hdwy Stg 1	-	-	-	-	5.84	-
Critical Hdwy Stg 2	-	-	-	-	5.84	-
Follow-up Hdwy	2.22	-	-	-	3.52	3.32
Pot Cap-1 Maneuver	840	-	-	-	152	612
Stage 1	-	-	-	-	423	-
Stage 2	-	-	-	-	546	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	840	-	-	-	149	612
Mov Cap-2 Maneuver	-	-	-	-	149	-
Stage 1	-	-	-	-	423	-
Stage 2	-	-	-	-	537	-

Approach	SE	NW	SW
HCM Control Delay, s	0.2	0	28.2
HCM LOS			D

Minor Lane/Major Mvmt	NWT	NWR	SEL	SET	SWLn1
Capacity (veh/h)	-	-	840	-	172
HCM Lane V/C Ratio	-	-	0.007	-	0.099
HCM Control Delay (s)	-	-	9.3	0.1	28.2
HCM Lane LOS	-	-	A	A	D
HCM 95th %tile Q(veh)	-	-	0	-	0.3

FORECAST YEAR 2030 WITHOUT PROJECT CONDITIONS

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecast Year 2030 Without Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.808
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	68	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	248	242	25	131	157	310	254	415	284	151	466	134
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	280	273	28	148	177	350	287	469	321	171	527	151
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	280	273	28	148	177	350	287	469	321	171	527	151
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	280	273	28	148	177	350	287	469	321	171	527	151
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	280	273	28	148	177	350	287	469	321	171	527	151
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.19	0.81	1.00	1.55	0.45
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	1900	1300	1600	2485	715
Capacity Analysis Module:												
Vol/Sat:	0.10	0.17	0.02	0.09	0.06	0.22	0.18	0.25	0.25	0.11	0.21	0.21
Crit Moves:	****					****	****				****	

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecast Year 2030 Without Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.502
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	33	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:												
Base Vol:	39	672	1	1	664	57	114	0	52	4	3	1
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	44	759	1	1	750	64	129	0	59	5	3	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	44	759	1	1	750	64	129	0	59	5	3	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	44	759	1	1	750	64	129	0	59	5	3	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	44	759	1	1	750	64	129	0	59	5	3	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.84	0.16	0.69	0.00	0.31	0.50	0.38	0.12
Final Sat.:	1600	3195	5	1600	2947	253	1099	0	501	800	600	200
Capacity Analysis Module:												
Vol/Sat:	0.03	0.24	0.24	0.00	0.25	0.25	0.08	0.00	0.12	0.00	0.01	0.01
Crit Moves:	****				****				****	****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecast Year 2030 Without Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.682
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	48	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	57	455	53	119	498	123	138	299	38	86	518	109
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	64	514	60	134	563	139	156	338	43	97	585	123
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	64	514	60	134	563	139	156	338	43	97	585	123
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	64	514	60	134	563	139	156	338	43	97	585	123
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	64	514	60	134	563	139	156	338	43	97	585	123
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.79	0.21	1.00	1.60	0.40	1.00	1.77	0.23	1.00	1.65	0.35
Final Sat.:	1600	2866	334	1600	2566	634	1600	2839	361	1600	2644	556
Capacity Analysis Module:												
Vol/Sat:	0.04	0.18	0.18	0.08	0.22	0.22	0.10	0.12	0.12	0.06	0.22	0.22
Crit Moves:		****		****			****				****	

Intersection	
Intersection Delay, s/veh	22
Intersection LOS	C

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Vol, veh/h	0	10	267	0	203	294	0	466	31
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	10	267	0	203	294	0	466	31
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	15.2	11.4	36.3
HCM LOS	C	B	E

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	203	147	147	277	466	31
LT Vol	203	0	0	10	0	0
Through Vol	0	147	147	0	466	0
RT Vol	0	0	0	267	0	31
Lane Flow Rate	203	147	147	277	466	31
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.381	0.255	0.183	0.491	0.861	0.051
Departure Headway (Hd)	6.756	6.246	4.479	6.377	6.653	5.94
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	530	572	792	562	541	599
Service Time	4.533	4.022	2.253	4.156	4.434	3.72
HCM Lane V/C Ratio	0.383	0.257	0.186	0.493	0.861	0.052
HCM Control Delay	13.7	11.2	8.3	15.2	38.1	9
HCM Lane LOS	B	B	A	C	E	A
HCM 95th-tile Q	1.8	1	0.7	2.7	9.3	0.2

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecast Year 2030 Without Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.366
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	27	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:												
Base Vol:	4	487	0	0	664	0	1	1	18	20	0	5
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	5	550	0	0	750	0	1	1	20	23	0	6
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	5	550	0	0	750	0	1	1	20	23	0	6
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	5	550	0	0	750	0	1	1	20	23	0	6
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	5	550	0	0	750	0	1	1	20	23	0	6
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	2.00	0.00	0.05	0.05	0.90	0.80	0.00	0.20
Final Sat.:	1600	3200	0	1600	3200	0	80	80	1440	1280	0	320
Capacity Analysis Module:												
Vol/Sat:	0.00	0.17	0.00	0.00	0.23	0.00	0.00	0.01	0.01	0.01	0.00	0.02
Crit Moves:	****				****			****		****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecast Year 2030 Without Project Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.891
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	96	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	342	295	48	201	270	351	319	706	211	96	351	168
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	386	333	54	227	305	397	360	798	238	108	397	190
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	386	333	54	227	305	397	360	798	238	108	397	190
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	386	333	54	227	305	397	360	798	238	108	397	190
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	386	333	54	227	305	397	360	798	238	108	397	190
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.54	0.46	1.00	1.35	0.65
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	2464	736	1600	2164	1036
Capacity Analysis Module:												
Vol/Sat:	0.13	0.21	0.03	0.14	0.10	0.25	0.23	0.32	0.32	0.07	0.18	0.18
Crit Moves:	****					****	****				****	

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecast Year 2030 Without Project Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.617
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	41	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	0	0 1
Volume Module:												
Base Vol:	29	713	0	1	968	95	99	0	72	0	0	1
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	33	806	0	1	1094	107	112	0	81	0	0	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	33	806	0	1	1094	107	112	0	81	0	0	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	33	806	0	1	1094	107	112	0	81	0	0	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	33	806	0	1	1094	107	112	0	81	0	0	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	1.82	0.18	0.58	0.00	0.42	0.00	0.00	1.00
Final Sat.:	1600	3200	0	1600	2914	286	926	0	674	0	0	1600
Capacity Analysis Module:												
Vol/Sat:	0.02	0.25	0.00	0.00	0.38	0.38	0.07	0.00	0.12	0.00	0.00	0.00
Crit Moves:	****				****				****	****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecast Year 2030 Without Project Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.720
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	53	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	42	522	60	111	767	145	166	556	73	65	331	63
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	47	590	68	125	867	164	188	628	82	73	374	71
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	47	590	68	125	867	164	188	628	82	73	374	71
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	47	590	68	125	867	164	188	628	82	73	374	71
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	47	590	68	125	867	164	188	628	82	73	374	71
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.79	0.21	1.00	1.68	0.32	1.00	1.77	0.23	1.00	1.68	0.32
Final Sat.:	1600	2870	330	1600	2691	509	1600	2829	371	1600	2688	512
Capacity Analysis Module:												
Vol/Sat:	0.03	0.21	0.21	0.08	0.32	0.32	0.12	0.22	0.22	0.05	0.14	0.14
Crit Moves:	****				****			****		****		

Intersection	
Intersection Delay, s/veh	13.3
Intersection LOS	B

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Vol, veh/h	0	7	176	0	235	609	0	319	24
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	7	176	0	235	609	0	319	24
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	12.2	11.5	18.2
HCM LOS	B	B	C

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	235	305	305	183	319	24
LT Vol	235	0	0	7	0	0
Through Vol	0	305	305	0	319	0
RT Vol	0	0	0	176	0	24
Lane Flow Rate	235	304	304	183	319	24
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.401	0.477	0.328	0.325	0.595	0.04
Departure Headway (Hd)	6.144	5.638	3.883	6.391	6.717	6.007
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	585	639	923	562	536	595
Service Time	3.88	3.374	1.618	4.14	4.467	3.757
HCM Lane V/C Ratio	0.402	0.476	0.329	0.326	0.595	0.04
HCM Control Delay	13	13.4	8.5	12.2	18.9	9
HCM Lane LOS	B	B	A	B	C	A
HCM 95th-tile Q	1.9	2.6	1.4	1.4	3.9	0.1

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PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.433
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	30	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	0	1 0	0 1	0	0 0
Volume Module:												
Base Vol:	8	641	4	5	878	0	0	3	8	13	1	0
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	9	724	5	6	992	0	0	3	9	15	1	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	9	724	5	6	992	0	0	3	9	15	1	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	9	724	5	6	992	0	0	3	9	15	1	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	9	724	5	6	992	0	0	3	9	15	1	0
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	2.00	0.00	0.00	0.27	0.73	0.93	0.07	0.00
Final Sat.:	1600	3180	20	1600	3200	0	0	436	1164	1486	114	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.23	0.23	0.00	0.31	0.00	0.00	0.01	0.01	0.01	0.01	0.00
Crit Moves:	****				****			****		****		

FORECAST YEAR 2030 WITH PROJECT CONDITIONS

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecat Year 2030 With Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.809
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	69	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	248	242	25	131	157	310	254	415	284	151	466	134
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	280	273	28	148	177	350	287	469	321	171	527	151
Added Vol:	0	0	5	0	0	0	0	2	0	15	6	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	280	273	33	148	177	350	287	471	321	186	533	151
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	280	273	33	148	177	350	287	471	321	186	533	151
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	280	273	33	148	177	350	287	471	321	186	533	151
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	280	273	33	148	177	350	287	471	321	186	533	151
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.19	0.81	1.00	1.56	0.44
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	1903	1297	1600	2492	708
Capacity Analysis Module:												
Vol/Sat:	0.10	0.17	0.02	0.09	0.06	0.22	0.18	0.25	0.25	0.12	0.21	0.21
Crit Moves:	****					****	****				****	

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecat Year 2030 With Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.503
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	34	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:												
Base Vol:	39	672	1	1	664	57	114	0	52	4	3	1
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	44	759	1	1	750	64	129	0	59	5	3	1
Added Vol:	0	12	0	0	4	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	44	771	1	1	754	64	129	0	59	5	3	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	44	771	1	1	754	64	129	0	59	5	3	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	44	771	1	1	754	64	129	0	59	5	3	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	44	771	1	1	754	64	129	0	59	5	3	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	1.84	0.16	0.69	0.00	0.31	0.50	0.38	0.12
Final Sat.:	1600	3195	5	1600	2948	252	1099	0	501	800	600	200
Capacity Analysis Module:												
Vol/Sat:	0.03	0.24	0.24	0.00	0.26	0.26	0.08	0.00	0.12	0.00	0.01	0.01
Crit Moves:	****				****				****	****		

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecat Year 2030 With Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.697
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	50	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	57	455	53	119	498	123	138	299	38	86	518	109
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	64	514	60	134	563	139	156	338	43	97	585	123
Added Vol:	0	5	0	12	15	21	7	0	0	0	0	4
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	64	519	60	146	578	160	163	338	43	97	585	127
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	64	519	60	146	578	160	163	338	43	97	585	127
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	64	519	60	146	578	160	163	338	43	97	585	127
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	64	519	60	146	578	160	163	338	43	97	585	127
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.79	0.21	1.00	1.57	0.43	1.00	1.77	0.23	1.00	1.64	0.36
Final Sat.:	1600	2869	331	1600	2506	694	1600	2839	361	1600	2629	571
Capacity Analysis Module:												
Vol/Sat:	0.04	0.18	0.18	0.09	0.23	0.23	0.10	0.12	0.12	0.06	0.22	0.22
Crit Moves:		****		****			****				****	

Intersection	
Intersection Delay, s/veh	22.4
Intersection LOS	C

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Traffic Vol, veh/h	0	10	270	0	212	297	0	467	31
Future Vol, veh/h	0	10	270	0	212	297	0	467	31
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	10	270	0	212	297	0	467	31
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	15.5	11.5	37.4
HCM LOS	C	B	E

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	212	149	149	280	467	31
LT Vol	212	0	0	10	0	0
Through Vol	0	149	149	0	467	0
RT Vol	0	0	0	270	0	31
Lane Flow Rate	212	148	148	280	467	31
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.399	0.259	0.186	0.499	0.869	0.052
Departure Headway (Hd)	6.783	6.273	4.505	6.41	6.7	5.987
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	528	569	789	560	537	594
Service Time	4.561	4.051	2.282	4.191	4.482	3.768
HCM Lane V/C Ratio	0.402	0.26	0.188	0.5	0.87	0.052
HCM Control Delay	14	11.3	8.3	15.5	39.3	9.1
HCM Lane LOS	B	B	A	C	E	A
HCM 95th-tile Q	1.9	1	0.7	2.8	9.5	0.2

14827-14839 Pacific Avenue Project Traffic Impact Analysis
Forecat Year 2030 With Project Conditions
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.370
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	27	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	1!	0 0
Volume Module:												
Base Vol:	4	487	0	0	664	0	1	1	18	20	0	5
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	5	550	0	0	750	0	1	1	20	23	0	6
Added Vol:	0	5	0	0	15	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	555	0	0	765	0	1	1	20	23	0	6
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	5	555	0	0	765	0	1	1	20	23	0	6
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	5	555	0	0	765	0	1	1	20	23	0	6
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	5	555	0	0	765	0	1	1	20	23	0	6
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	2.00	0.00	0.05	0.05	0.90	0.80	0.00	0.20
Final Sat.:	1600	3200	0	1600	3200	0	80	80	1440	1280	0	320
Capacity Analysis Module:												
Vol/Sat:	0.00	0.17	0.00	0.00	0.24	0.00	0.00	0.01	0.01	0.01	0.00	0.02
Crit Moves:	****				****			****		****		

Intersection	
Int Delay, s/veh	0.4

Movement	SEL	SET	NWT	NWR	SWL	SWR
Vol, veh/h	2	814	805	7	21	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	814	805	7	21	5

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	812	0	-	0	1220	406
Stage 1	-	-	-	-	809	-
Stage 2	-	-	-	-	411	-
Critical Hdwy	4.14	-	-	-	6.84	6.94
Critical Hdwy Stg 1	-	-	-	-	5.84	-
Critical Hdwy Stg 2	-	-	-	-	5.84	-
Follow-up Hdwy	2.22	-	-	-	3.52	3.32
Pot Cap-1 Maneuver	810	-	-	-	172	594
Stage 1	-	-	-	-	398	-
Stage 2	-	-	-	-	638	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	810	-	-	-	171	594
Mov Cap-2 Maneuver	-	-	-	-	171	-
Stage 1	-	-	-	-	398	-
Stage 2	-	-	-	-	635	-

Approach	SE	NW	SW
HCM Control Delay, s	0	0	25.9
HCM LOS			D

Minor Lane/Major Mvmt	NWT	NWR	SEL	SET	SWLn1
Capacity (veh/h)	-	-	810	-	198
HCM Lane V/C Ratio	-	-	0.002	-	0.131
HCM Control Delay (s)	-	-	9.5	0	25.9
HCM Lane LOS	-	-	A	A	D
HCM 95th %tile Q(veh)	-	-	0	-	0.4

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PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Merced-Garvey/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.892
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	96	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	2 0	1 0	1	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	342	295	48	201	270	351	319	706	211	96	351	168
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	386	333	54	227	305	397	360	798	238	108	397	190
Added Vol:	0	0	17	0	0	0	0	7	0	10	4	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	386	333	71	227	305	397	360	805	238	118	401	190
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	386	333	71	227	305	397	360	805	238	118	401	190
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	386	333	71	227	305	397	360	805	238	118	401	190
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	386	333	71	227	305	397	360	805	238	118	401	190
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.54	0.46	1.00	1.36	0.64
Final Sat.:	2880	1600	1600	1600	3200	1600	1600	2469	731	1600	2171	1029
Capacity Analysis Module:												
Vol/Sat:	0.13	0.21	0.04	0.14	0.10	0.25	0.23	0.33	0.33	0.07	0.18	0.18
Crit Moves:	****					****	****				****	

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Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #2 Pacific/Big Dalton

Cycle (sec):	100	Critical Vol./Cap.(X):	0.621
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	42	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	1!	0 0	0 0	0	0 1
Volume Module:												
Base Vol:	29	713	0	1	968	95	99	0	72	0	0	1
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	33	806	0	1	1094	107	112	0	81	0	0	1
Added Vol:	0	8	0	0	13	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	33	814	0	1	1107	107	112	0	81	0	0	1
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	33	814	0	1	1107	107	112	0	81	0	0	1
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	33	814	0	1	1107	107	112	0	81	0	0	1
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	33	814	0	1	1107	107	112	0	81	0	0	1
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	1.00	1.82	0.18	0.58	0.00	0.42	0.00	0.00	1.00
Final Sat.:	1600	3200	0	1600	2917	283	926	0	674	0	0	1600
Capacity Analysis Module:												
Vol/Sat:	0.02	0.25	0.00	0.00	0.38	0.38	0.07	0.00	0.12	0.00	0.00	0.00
Crit Moves:	****				****				****	****		

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Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #3 Pacific/Puente

Cycle (sec):	100	Critical Vol./Cap.(X):	0.734
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	55	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Prot+Permit			Prot+Permit			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	42	522	60	111	767	145	166	556	73	65	331	63
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	47	590	68	125	867	164	188	628	82	73	374	71
Added Vol:	0	17	0	8	10	14	23	0	0	0	0	13
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	47	607	68	133	877	178	211	628	82	73	374	84
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	47	607	68	133	877	178	211	628	82	73	374	84
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	47	607	68	133	877	178	211	628	82	73	374	84
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	47	607	68	133	877	178	211	628	82	73	374	84
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.80	0.20	1.00	1.66	0.34	1.00	1.77	0.23	1.00	1.63	0.37
Final Sat.:	1600	2878	322	1600	2660	540	1600	2829	371	1600	2612	588
Capacity Analysis Module:												
Vol/Sat:	0.03	0.21	0.21	0.08	0.33	0.33	0.13	0.22	0.22	0.05	0.14	0.14
Crit Moves:	****				****		****				****	

Intersection	
Intersection Delay, s/veh	13.6
Intersection LOS	B

Movement	SBU	SBL	SBR	NEU	NEL	NET	SWU	SWT	SWR
Traffic Vol, veh/h	0	7	186	0	241	611	0	322	24
Future Vol, veh/h	0	7	186	0	241	611	0	322	24
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	7	186	0	241	611	0	322	24
Number of Lanes	0	1	0	0	1	2	0	1	1

Approach	SB	NE	SW
Opposing Approach		SW	NE
Opposing Lanes	0	2	3
Conflicting Approach Left	SW	SB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NE		SB
Conflicting Lanes Right	3	0	1
HCM Control Delay	12.5	11.8	18.8
HCM LOS	B	B	C

Lane	NELn1	NELn2	NELn3	SBLn1	SWLn1	SWLn2
Vol Left, %	100%	0%	0%	4%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	0%
Vol Right, %	0%	0%	0%	96%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	241	306	306	193	322	24
LT Vol	241	0	0	7	0	0
Through Vol	0	306	306	0	322	0
RT Vol	0	0	0	186	0	24
Lane Flow Rate	241	306	306	193	322	24
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.415	0.483	0.334	0.344	0.607	0.04
Departure Headway (Hd)	6.199	5.692	3.936	6.42	6.782	6.071
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	581	632	910	560	531	588
Service Time	3.936	3.43	1.673	4.175	4.537	3.826
HCM Lane V/C Ratio	0.415	0.484	0.336	0.345	0.606	0.041
HCM Control Delay	13.3	13.7	8.7	12.5	19.5	9.1
HCM Lane LOS	B	B	A	B	C	A
HCM 95th-tile Q	2	2.6	1.5	1.5	4	0.1

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Forecast Year 2030 With Project Conditions
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #5 Pacific/Bromley

Cycle (sec):	100	Critical Vol./Cap.(X):	0.436
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	30	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	1 0	1	1 0	1 0	1	1 0	0 0	0	1 0	0 1	0	0 0
Volume Module:												
Base Vol:	8	641	4	5	878	0	0	3	8	13	1	0
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	9	724	5	6	992	0	0	3	9	15	1	0
Added Vol:	0	17	0	0	10	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	9	741	5	6	1002	0	0	3	9	15	1	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	9	741	5	6	1002	0	0	3	9	15	1	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	9	741	5	6	1002	0	0	3	9	15	1	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	9	741	5	6	1002	0	0	3	9	15	1	0
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	1.00	2.00	0.00	0.00	0.27	0.73	0.93	0.07	0.00
Final Sat.:	1600	3181	19	1600	3200	0	0	436	1164	1486	114	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.23	0.23	0.00	0.31	0.00	0.00	0.01	0.01	0.01	0.01	0.00
Crit Moves:	****				****			****		****		

Intersection	
Int Delay, s/veh	0.3

Movement	SEL	SET	NWT	NWR	SWL	SWR
Vol, veh/h	6	1175	827	24	14	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	6	1175	827	24	14	3

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	851	0	-	0	1439	426
Stage 1	-	-	-	-	839	-
Stage 2	-	-	-	-	600	-
Critical Hdwy	4.14	-	-	-	6.84	6.94
Critical Hdwy Stg 1	-	-	-	-	5.84	-
Critical Hdwy Stg 2	-	-	-	-	5.84	-
Follow-up Hdwy	2.22	-	-	-	3.52	3.32
Pot Cap-1 Maneuver	783	-	-	-	124	577
Stage 1	-	-	-	-	384	-
Stage 2	-	-	-	-	511	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	783	-	-	-	121	577
Mov Cap-2 Maneuver	-	-	-	-	121	-
Stage 1	-	-	-	-	384	-
Stage 2	-	-	-	-	500	-

Approach	SE	NW	SW
HCM Control Delay, s	0.1	0	34
HCM LOS			D

Minor Lane/Major Mvmt	NWT	NWR	SEL	SET	SWLn1
Capacity (veh/h)	-	-	783	-	141
HCM Lane V/C Ratio	-	-	0.008	-	0.121
HCM Control Delay (s)	-	-	9.6	0.1	34
HCM Lane LOS	-	-	A	A	D
HCM 95th %tile Q(veh)	-	-	0	-	0.4