DRAFT
Initial Study and Mitigated Negative Declaration

Baldwin Park Industrial Commercial Project

February 2020

Lead Agency:

City of Baldwin Park
14403 E. Pacific Avenue
Baldwin Park, CA 91706

Prepared by:

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

2861 Pullman Street
Santa Ana, CA 92705

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DRAFT MITIGATED NEGATIVE DECLARATION
BALDWIN PARK INDUSTRIAL COMMERCIAL PROJECT

Lead Agency: City of Baldwin Park
14403 E. Pacific Avenue
Baldwin Park, California 91706

Project Proponent: MG Development Group LLC
3356 Wisconsin Avenue
South Gate, CA 90280

Project Location: The Project is located at 13057 - 13065 Garvey Avenue in Baldwin Park, California 91706 (APN: 8556-022-(906-908)).

Project Description:

The Baldwin Park Industrial Commercial Project (Project) proposes to construct a two-story industrial commercial building of approximately 15,725 SF. The proposed building would consist of an 11,725 SF first floor, including an approximately 1,200 SF office space, and a 4,000 SF mezzanine area. The proposed building is designed for single-tenant warehouse or manufacturing use, and the mezzanine area would most likely be used for storage. The site is consists of three vacant parcels located at 13057, 13061, and 13065 Garvey Avenue. Together, these parcels total approximately 0.54 acres.

Project Site Characteristics

Site Area	
Acreage	0.538 Acres
Square Footage	23,450 SF
Max Floor Area Ratio (FAR)	1.0 (23,450 SF)
Max Lot Coverage	50%
Level 1	
Gross Area	11,725 SF
FAR	0.5
Mezzanine	
Gross Area	4,000 SF
FAR	0.17
Lot Coverage	50%
Net Floor Area	15,725 SF
Total FAR	0.67

The subject property is located in an Industrial Commercial (I-C) Zone. According to the City's General Plan, this type of zoning provides areas for the development of industrial parks, office complexes and light manufacturing businesses. The surrounding land uses and zoning consist of Garden Multi-Family Residential to the north, General Commercial to the south, and Industrial Commercial on the east and

west of the subject property. The building would reach a maximum height of 35'-0", which is within the maximum height allowable for Industrial Commercial zones.

On-site parking and loading access would be provided along Garvey Avenue as well as behind the property through an existing alleyway north of the site. The alleyway has access to Frazier Street at its western terminus and to Garvey Avenue at its southern terminus. The Project would provide 21 standard parking spaces, including one accessible space. 9 parking spaces would be located in the southwest quadrant of the property and would be accessed through an 8'-0" high sliding wrought iron fence on Garvey Avenue. 12 parking spaces are proposed along the northern perimeter of the property and would be accessed via the alleyway. A main entrance door and 12'-0" roll-up door would allow access into the building via the southwest parking area. One service entrance door would allow access via the northern parking area, and a second service entrance door would be located on the eastern edge of the building (Figure 3-4). Project parking allocation is intended to support a warehouse or manufacturing use.

The proposed building would reach a maximum height of 35'-0", which is within the maximum height allowed for Industrial Commercial zones. The Project proposes a 10'-0" front yard setback, 10'-0" side yard setbacks, and 24'-6" rear setback to the alley. The Project would also include 1,208 SF of landscaped "xeriscape" around the perimeter of the site. The property would be surrounded by an 8'-0" black wrought iron fence on the eastern, western, and southern perimeter.

The Project proposes a 11-month construction timeframe starting approximately June 1, 2020 and ending April 30, 2021. The approximate opening date would be June 1, 2021.

Public Review Period: March 2, 2020 – March 21, 2020

Mitigation Measures Incorporated into the Project to Avoid Significant Effects:

Geology and Soils

GEO-1: Unanticipated Discovery – Paleontological Resource. If paleontological resources (i.e., fossil remains) are discovered during excavation activities, the contractor will notify the City and cease excavation within 100 feet of the find until a qualified paleontological professional can provide an evaluation of the site. The qualified paleontological professional will evaluate the significance of the find and recommend appropriate measures for the disposition of the site (e.g. fossil recovery, curation, data recovery, and/or monitoring). Construction activities may continue on other parts of the construction site while evaluation and treatment of the paleontological resource takes place.

Noise

NOI-1: Prior to the certificate of occupancy issuance, the Project Applicant shall demonstrate to the satisfaction of the City of Baldwin Park Planning Department Manager that the following measures would be implemented during Project operations. These measures shall be enforced and maintained through means acceptable to the City of Baldwin Park Planning Department Manager.

- Legible, durable, weather-proof signs shall be placed at both Project access driveways indicating all heavy-duty truck deliveries must be accommodated at the south parking lot, accessed from Garvey Avenue.
- All heavy-duty truck deliveries shall be limited to the hours between 7:00 a.m. and 7:00 p.m. in order to comply with City of Baldwin Park noise standards.

Transportation

TRANS-1: The Project will install right-out only regulatory signage at the driveway location on Garvey Avenue. The signage will be installed and operational prior to the issuance of a building permit and/or final certificate of use and occupancy.

Tribal Cultural Resources

TCR-1:

- **Retain a Native American Monitor/Consultant:** The Project Applicant shall be required to retain and compensate for the services of a Tribal monitor/consultant who is both approved by the Gabrieleño Band of Mission Indians-Kizh Nation Tribal Government and is listed under the NAHC's Tribal Contact list for the area of the project location. This list is provided by the NAHC. The monitor/consultant will only be present on-site during the construction phases that involve ground disturbing activities. Ground disturbing activities are defined by the Gabrieleño Band of Mission Indians-Kizh Nation as activities that may include, but are not limited to, pavement removal, pot-holing or auguring, grubbing, tree removals, boring, grading, excavation, drilling, and trenching, within the project area. The Tribal Monitor/consultant will complete daily monitoring logs that will provide descriptions of the day's activities, including construction activities, locations, soil, and any cultural materials identified. The on-site monitoring shall end when the project site grading and excavation activities are completed, or when the Tribal Representatives and monitor/consultant have indicated that the site has a low potential for impacting Tribal Cultural Resources.
- **Unanticipated Discovery of Tribal Cultural and Archaeological Resources:** Upon discovery of any archaeological resources, cease construction activities in the immediate vicinity of the find until the find can be assessed. All archaeological resources unearthed by project construction activities shall be evaluated by the qualified archaeologist and tribal monitor/consultant approved by the Gabrieleño Band of Mission Indians-Kizh Nation. If the resources are Native American in origin, the Gabrieleño Band of Mission Indians-Kizh Nation shall coordinate with the landowner regarding treatment and curation of these resources. Typically, the Tribe will request reburial or preservation for educational purposes. Work may continue on other parts of the project while evaluation and, if necessary, mitigation takes place (CEQA Guidelines Section15064.5 [f]). If a resource is determined by the qualified archaeologist to constitute a "historical resource" or "unique archaeological resource", time allotment and funding sufficient to allow for implementation of avoidance measures, or

appropriate mitigation, must be available. The treatment plan established for the resources shall be in accordance with CEQA Guidelines Section 15064.5(f) for historical resources and

- **Public Resources Code Sections 21083.2(b) for unique archaeological resources.** Preservation in place (i.e., avoidance) is the preferred manner of treatment. If preservation in place is not feasible, treatment may include implementation of archaeological data recovery excavations to remove the resource along with subsequent laboratory processing and analysis. Any historic archaeological material that is not Native American in origin shall be curated at a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County or the Fowler Museum, if such an institution agrees to accept the material. If no institution accepts the archaeological material, they shall be offered to a local school or historical society in the area for educational purposes.
- **Unanticipated Discovery of Human Remains and Associated Funerary Objects:** Native American human remains are defined in PRC 5097.98 (d)(1) as an inhumation or cremation, and in any state of decomposition or skeletal completeness. Funerary objects, called associated grave goods in PRC 5097.98, are also to be treated according to this statute. Health and Safety Code 7050.5 dictates that any discoveries of human skeletal material shall be immediately reported to the County Coroner and excavation halted until the coroner has determined the nature of the remains. If the coroner recognizes the human remains to be those of a Native American or has reason to believe that they are those of a Native American, he or she shall contact, by telephone within 24 hours, the Native American Heritage Commission (NAHC) and PRC 5097.98 shall be followed.
- The City shall implement the agreed upon Kizh-Gabrieleno procedures for burials and funerary remains, and treatment measures pursuant to the City's acceptance of tribal government recommended mitigation measures.

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ACRONYMS AND ABBREVIATIONS

AB	Assembly Bill
APE	Area of Potential Effect
AQMP	Air Quality Management Plan
BMPs	Best Management Practices
CalEEMod	California Emissions Estimator Model
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CH_4	Methane
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalent
CO Plan	Federal Attainment Plan for Carbon Monoxide
CRHR	California Register of Historic Places
CWA	California Water Act
DTSC	Department of Toxic Substances Control
EIC	Eastern Information Center
EIR	Environmental Impact Report
EPA	Environmental Protection Agency
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency

FIRM	Flood Insurance Rate Map
GHGs	Greenhouse Gases
LSTs	Localized Significance Thresholds
MBTA	Migratory Bird Treaty Act
MLD	Most Likely Descendent
MMT	Million Metric Tons
MND	Mitigated Negative Declaration
MSHCP	Multiple Species Habitat Conservation Plan
$MTCO_2eq$	Metric Tons of Carbon Dioxide Equivalent
NAHC	Native American Heritage Commission
ND	Negative Declaration
NPDES	National Pollutant Discharge Elimination System
N_2O	Nitrous Oxide
NO_x	Nitrogen Oxides
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
OHV	Off-Highway Vehicle
OPR	California Office of Planning and Research
PM_{10} and $PM_{2.5}$	Particulate Matter
RCPG	Regional Comprehensive Plan and Guide
ROG	Reactive Organic Gases
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
USACE	United States Army Corps of Engineers
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SIP	State Implementation Plan
SP	Service Population
SoCAB	South Coast Air Basin
SR	State Route
SRA	Sensitive Receptor Area
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board

SECTION 1.0 BACKGROUND

1.1 Summary

Project Title:	Baldwin Park Industrial Commercial Project
Lead Agency Name and Address:	City of Baldwin Park 14403 E. Pacific Avenue Baldwin Park, CA 91706
Contact Person and Phone Number:	Ron Garcia, City Planner (626) 960-4011
Project Location:	The Project is located at 13057, 13061, and 13065 Garvey Avenue in Baldwin Park, California 91706 (APN: 8556-022-(906-907-908)). The City of Baldwin Park is located approximately 17 miles east of downtown Los Angeles and is bisected by the I-10 San Bernardino Freeway along the southern part of the City.
General Plan Designation:	Commercial Industrial (CI)
Zoning:	Industrial Commercial (I-C)

1.2 Introduction

The City of Baldwin Park is the Lead Agency for this Initial Study. The Initial Study has been prepared to identify and assess the anticipated environmental impacts of the Baldwin Park Industrial Commercial Project. This document has been prepared to satisfy the California Environmental Quality Act (CEQA) (Pub. Res. Code, Section 21000 *et seq.*) and State CEQA Guidelines (14 CCR 15000 *et seq.*). CEQA requires that all state and local government agencies consider the environmental consequences of Projects over which they have discretionary authority before acting on those Projects. A CEQA Initial Study is generally used to determine which CEQA document is appropriate for a Project (Negative Declaration [ND], Mitigated Negative Declaration [MND], or Environmental Impact Report [EIR]).

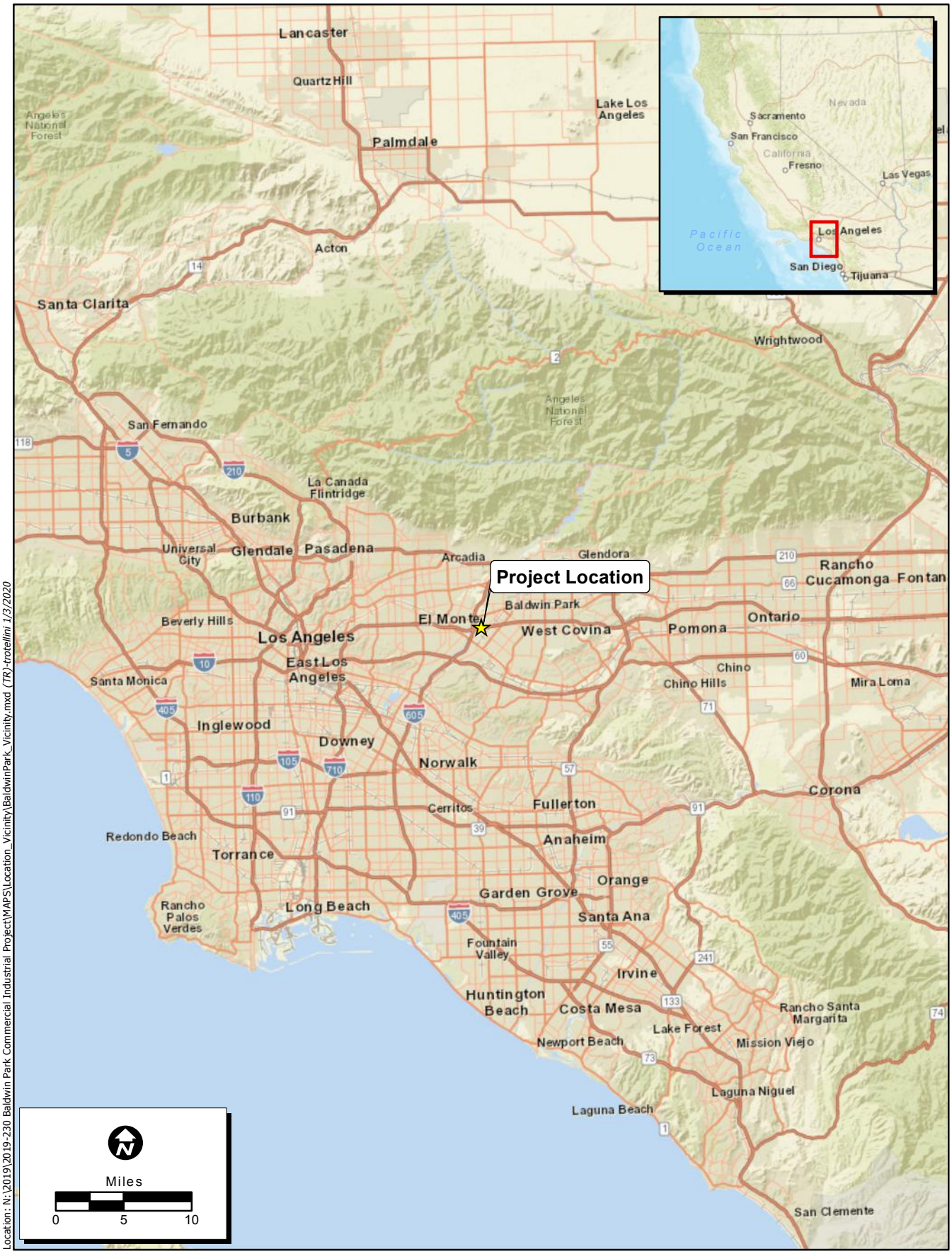
1.3 Surrounding Land Uses/Environmental Setting

Baldwin Park is located in the San Gabriel Valley, approximately 15 miles east of downtown Los Angeles. The San Gabriel Foothills and Los Angeles National Forest lie in the distance to the north, with the Los Angeles Basin to the east, south, and west (Figure 1. Regional Location). The City is traversed by I-10 to the south and the I-605 to the west. Baldwin Park is highly urbanized and built out, with a suburban character. Cities surrounding Baldwin Park are also fully developed and with similar character.

The proposed Project site is generally located in the southwestern portion of the City. The site consists of three (3) parcels located at 13057 – 13065 Garvey Avenue (APN: 8556-022-(906-907-908)) (Figure 2. Project Location). The subject property is located in an Industrial Commercial zone and all three parcels are currently vacant. Property located north of the Project site is occupied by multi-family and single-family residential uses. The I-10 is located directly south of Garvey Avenue, beyond which are single-family homes and commercial offices. Properties to the east of the site include a commercial office and a motel. Properties located west of the site are occupied by an auto repair shop and single-family homes (Figure 3. Site Photos).

	Zoning District	Land Use Designation	Existing Land Use
Project Site	IC – Industrial Commercial	Commercial Industrial	Vacant
North	RG – Garden Multi-Family Residential	Garden Multi-Family Residential	Single-Family Homes, Multi-Family Apartments
East	IC – Industrial Commercial	Commercial Industrial	Commercial Office, Motel
South	RG – Garden Multi-Family Residential, C2 – General Commercial	Garden Multi-Family Residential, General Commercial	Commercial Offices, Multi-Family Apartments
West	IC – Industrial Commercial, R1 – Single Family Residential	Commercial Industrial, Single-Family Residential	Auto Repair Shop, Single-Family Homes

Source: City of Baldwin Park 2018a, 2018b



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Map Date: 1/3/2020

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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Figure 1. Regional Location

2019-230 Baldwin Park Commercial Industrial Project

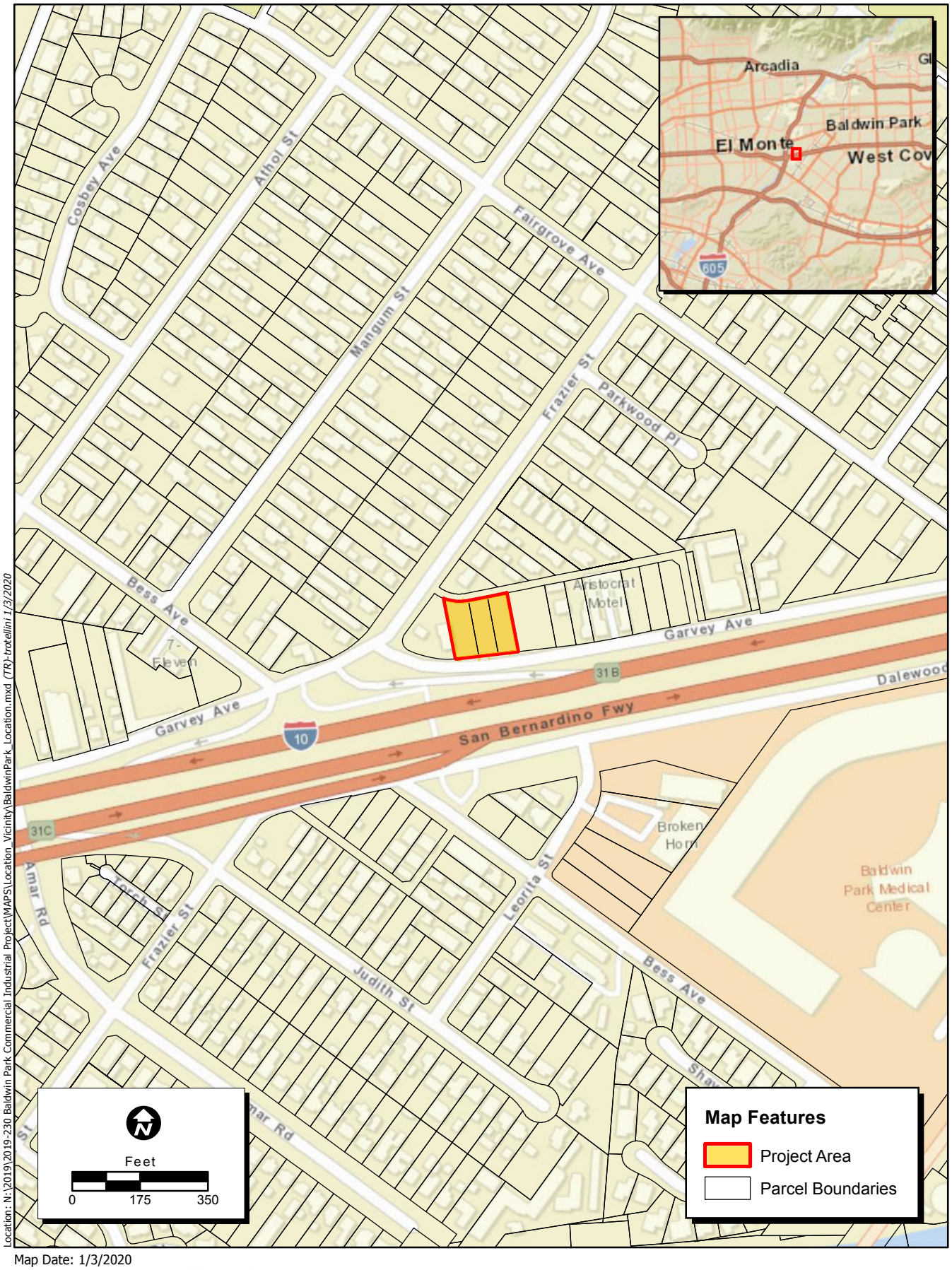

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Figure 2. Project Location

2019-230 Baldwin Park Commercial Industrial Project

Photo 1. Project Site (foreground)

Photo 2. Adjacent Project Under Construction

Photo 3. Project Site (north view)

Photo 4. Project Site (west view)

SECTION 2.0 PROJECT DESCRIPTION

2.1 Project Background

The subject site is currently a vacant graded parcel with emergent weeds and evidence of recent site demo work. The previous uses of the site include a private security firm from about 2010 through 2014, an engineering office in about 1980, and a lighting and interior design company in about 1975.

2.2 Project Characteristics

The Baldwin Park Industrial Commercial Project (Project) proposes to construct a two-story industrial commercial building of approximately 15,725 SF. The proposed building would consist of an 11,725 SF first floor, including an approximately 1,200 SF office space, and a 4,000 SF mezzanine area. The proposed building is designed for single-tenant warehouse or manufacturing use, and the mezzanine area would most likely be used for storage (Figure 4. Conceptual Site Plan). The site consists of three vacant parcels located at 13057, 13061, and 13065 Garvey Avenue. Together, these parcels total approximately 0.54 acres (See Table 1).

Table 1. Project Site Characteristics

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quadrant of the property and would be accessed through an 8'-0" high sliding wrought iron fence on Garvey Avenue. 12 parking spaces are proposed along the northern perimeter of the property and would be accessed via the alleyway. A main entrance door and 12'-0" roll-up door would allow access into the building via the southwest parking area. One service entrance door would allow access via the northern parking area, and a second service entrance door would be located on the eastern edge of the building (Figure 3-4). Project parking allocation is intended to support a warehouse or manufacturing use.

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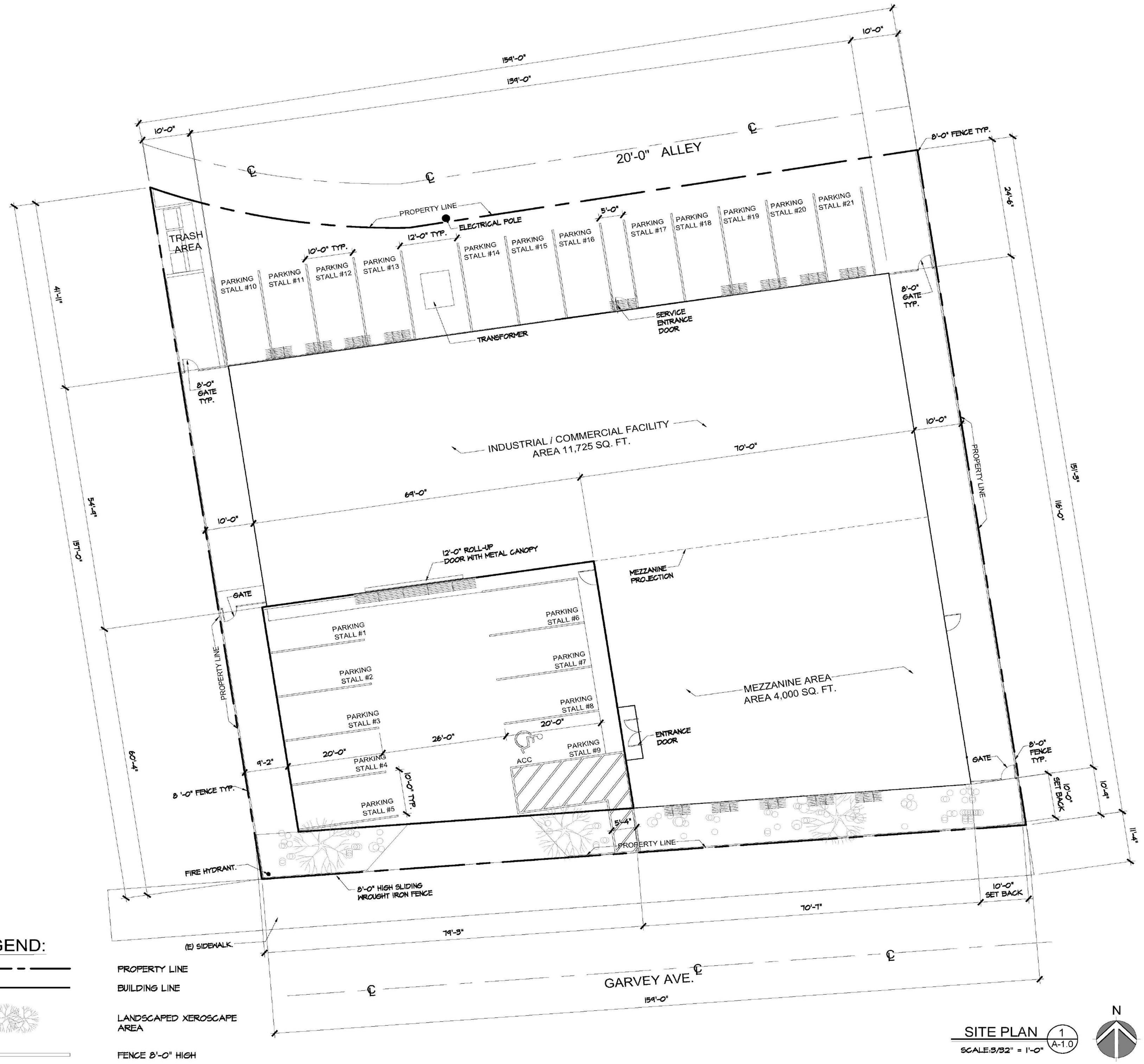
2.3 Project Timing

The Project proposes a 11-month construction timeframe starting June 1, 2020 and ending April 30, 2021. The approximate opening date is June 1, 2021.

2.4 Regulatory Requirements, Permits, and Approvals

The City of Baldwin Park is the primary approval authority and the California Environmental Quality Act (CEQA) lead agency for the proposed Project. The following approvals and regulatory permits would be required for implementation of the proposed Project:

- Approval of an Administrative Adjustment to reduce the required number of parking spaces by no more than 10%.
- Lot Merger to consolidate three (3) contiguous parcels (APN: 8556-022-(906-907-908)).
- Design Review for the building architecture and site design.
- Variance to deviate from lot size (minimum 40,000 sq. ft.) and lot depth (minimum 200 ft.).



SITE PLAN 1 / A-1.0
SCALE: 3/32" = 1'-0"

LEGEND:

- PROPERTY LINE
- BUILDING LINE
- LANDSCAPED XEROSCAPE AREA
- FENCE 8'-0" HIGH

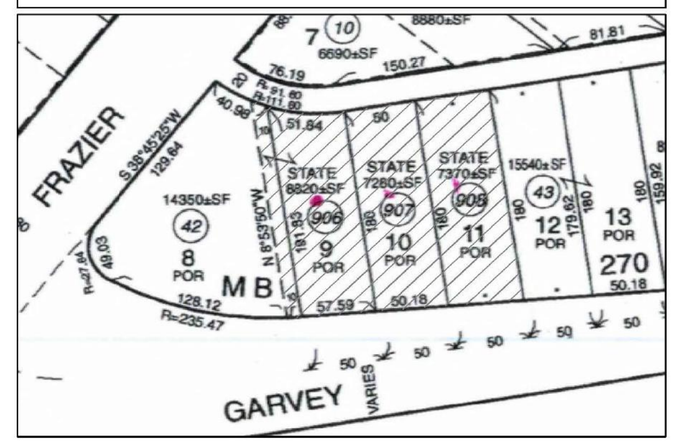
DEVELOPMENT STANDARDS

ZONE:	I/C INDUSTRIAL COMMERCIAL
MAX LOT COVERAGE:	50%
HEIGHT:	35'-0"
YARDS:	
FRONT YARD SET BACK	10'-0"
SIDE YARD SET BACK:	10'-0"
REAR YARD SET BACK TO ALLEY:	24'-6" - PROPOSED

PROJECT SUMMARY

LOT AREA	29,450 SQ. FT.
PROPOSED BUILDING AREA:	11,725 + 4,000 MEZZANINE
TOTAL:	15,725 SQ. FT.
CONST. TYPE	V-A SPRINKLERED
HEIGHT:	35'-0"
NUMBER OF STORIES.	1+ MEZZANINE
PARKING SPACE:	21 STANDARD
F.A.R.	.61
LOT COVERAGE	50%
PARKING AREA	7,768 SQ. FT.
LANDSCAPE AREA	1,208 SQ. FT.

VICINITY MAP



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MG DEVELOPMENT GROUP
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SOUTH GATE CA 90280

CONSULTANT:

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1023 N. HOLLYWOOD WAY, SUITE 200
BURBANK CA 91505
PH #: 818-861-7712
E-MAIL: juan@kmpae.com

PROJECT DESCRIPTION
INDUSTRIAL / COMMERCIAL FACILITY
PROJECT NAME
GARVEY AVE.
OWNER'S NAME
MG DEVELOPMENT GROUP
3356 WISCONSIN AVE
SOUTH GATE CA 90280
JOB ADDRESS
13057 -13065 GARVEY AVE
BALDWIN PARK CA 91706

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SCALE : **AS SHOWN**
JOB NUMBER **80-18020**
SHEET TITLE
GENERAL NOTES, LEGAL DESCRIPTION & SITE PLAN
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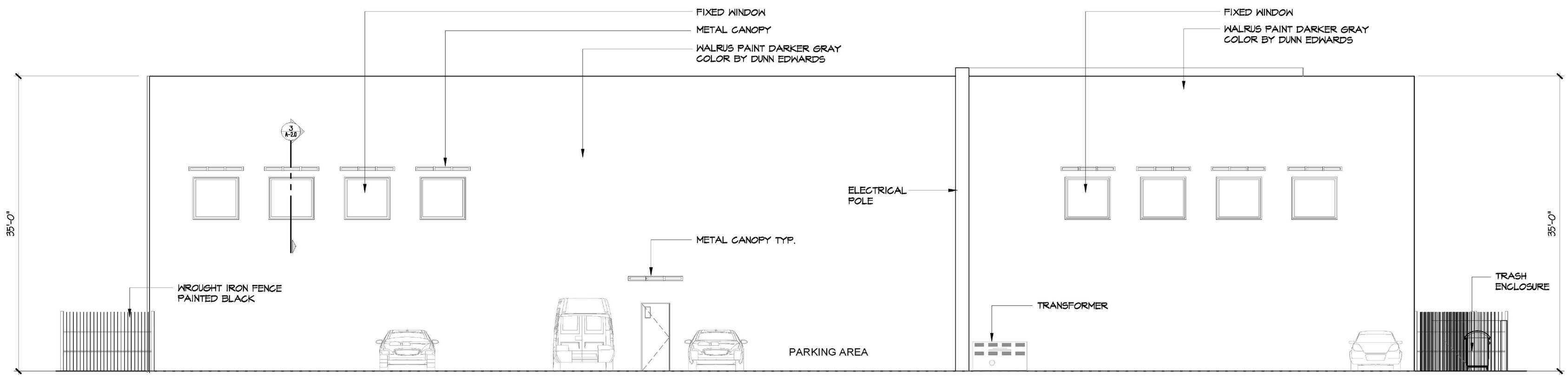
Figure 4. Conceptual Site Plan
2019-230 Baldwin Park Commercial Industrial Project



BACK - NORTH ELEVATION

SCALE: 3/16"=1'-0"

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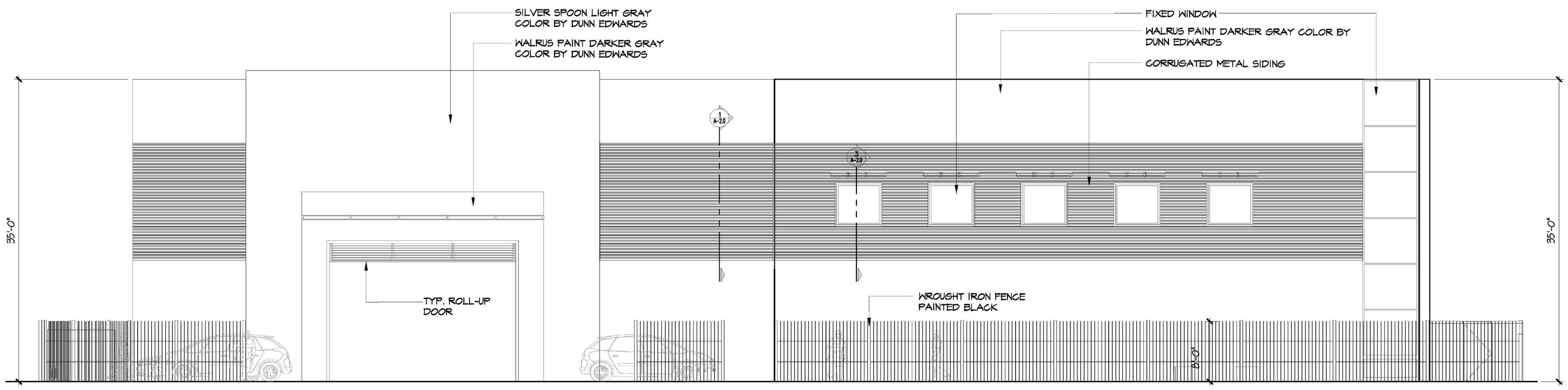

FRONT - SOUTH ELEVATION

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PROJECT DESCRIPTION:
INDUSTRIAL / COMMERCIAL FACILITY

PROJECT NAME:
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OWNERS NAME:
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DRAWN BY **RVJ** DATE **09-07-18**

CHECKED BY **J.K.** DATE **09-07-18**

SCALE : **AS SHOWN**

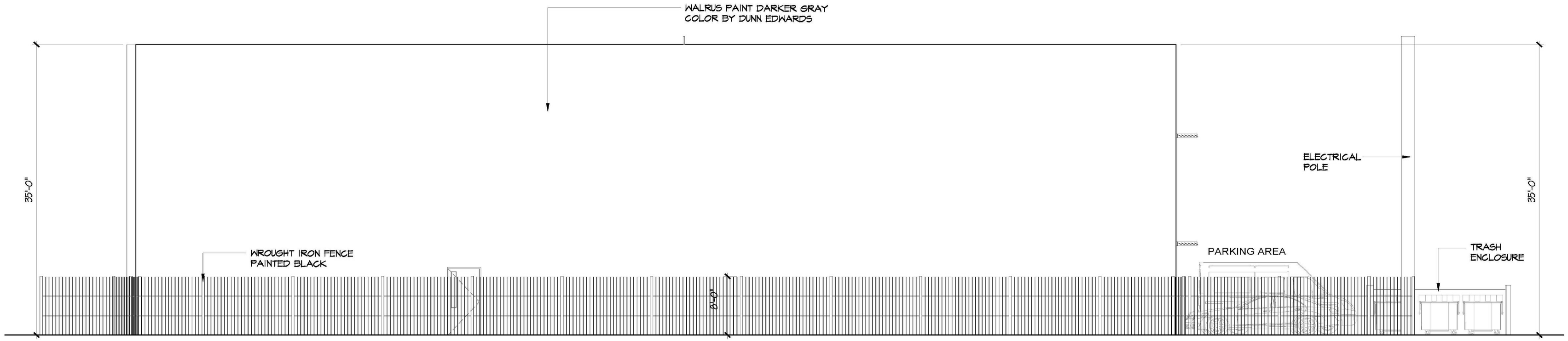
JOB NUMBER **80-18020**

SHEET TITLE
ELEVATIONS

SHEET NUMBER
A-3.0

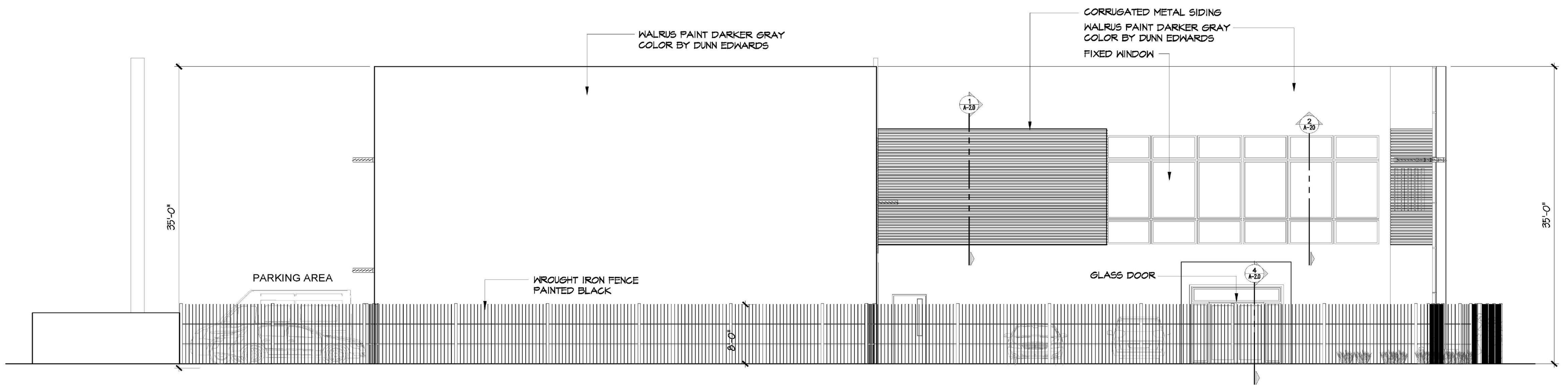
ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Figure 5a. North and South Elevations
2019-230 Baldwin Park Commercial Industrial Project



SIDE-EAST ELEVATION (4 / A-3.1)

SCALE: 3/16"=1'-0"



SIDE-WEST ELEVATION (2 / A-3.1)

SCALE: 3/16"=1'-0"

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SHEET TITLE
ELEVATIONS

SHEET NUMBER
A-3.1

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Figure 5b. East and West Elevation
2019-230 Baldwin Park Commercial Industrial Project

2.5 Consultation With California Native American Tribes

The following California Native American tribes traditionally and culturally affiliated with the project area have been notified of the project: Gabrielino Tongva Tribe, Gabrieleno Band of Mission Indians-Kizh Nation, and Soboba Band of Luiseno Indians. Following notification, the Gabrieleno Band of Mission Indians-Kizh Nation requested consultation pursuant to Public Resources Code section 21080.3.1. A summary of the consultation process, including the determination of significance of impacts to tribal cultural resources, is provided in Section 4.18 of this Initial Study.

SECTION 3.0 ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED AND DETERMINATION

3.1 Environmental Factors Potentially Affected

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

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

Determination

On the basis of this initial evaluation:

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

Ron Garcia
City Planner

Date

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SECTION 4.0 ENVIRONMENTAL CHECKLIST AND DISCUSSION

4.1 Aesthetics

4.1.1 Environmental Setting

Regional Setting

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.

Because the City is largely built out, the visual character of the City is suburbanized. Portions of the City contain distant views of the Angeles National Forest, San Gabriel Mountains and San Bernardino Mountains. However, the City's 2020 General Plan does not identify any scenic vistas or other scenic resources (Baldwin Park 2002a).

State Scenic Highways

The California Scenic Highway Program protects and enhances the scenic beauty of California's highways and adjacent corridors. A highway can be designated as scenic based on how much natural beauty can be seen by users of the highway, the quality of the scenic landscape, and if development impacts the enjoyment of the view (Caltrans 2011). Two State Scenic highways are located within Los Angeles County: State Route (SR)-2 and SR-110. SR-2, the closest scenic highway to the proposed Project site, is located over 14 miles north of the proposed Project site.

Visual Character of the Project Site

The subject site is currently vacant graded parcel with emergent weeds and several site demo work stockpiles. The site is generally surrounded by existing urban development that includes residential and commercial uses. Distant views from the frontage of the site include upper elevations of the San Gabriel Mountains. The I-10 runs directly south of Garvey Avenue and the project site, however all views of the freeway are obstructed by a 16' barrier wall.

4.1.2 Aesthetics (I) Environmental Checklist and Discussion

Except as provided in Public Resources Code Section 21099, would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐

The Project would be constructed on land that has been highly disturbed. The 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.

Within this urban setting, views of the San Gabriel Mountains can be obscured by existing development, mature trees, and climate conditions that hinder views. In the vicinity of the Project site, upper elevations of the San Gabriel Mountains are sporadically visible along Garvey Avenue between developed commercial and residential properties. As with neighboring properties, the Project would block distant views of the mountains from Garvey Avenue along the site frontage. However, The Baldwin Park General Plan does not designate any scenic vistas that are adjacent to or within close proximity to the site. The Project would not have a substantial adverse impact on a scenic vista. As such, impacts would be less than significant.

Except as provided in Public Resources Code Section 21099, would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒

SR-2, the Angeles Crest Scenic Byway, is the closest state scenic highway to the proposed Project site and is located over 14 miles north of the site. The site is currently vacant and does not contain any scenic resources, including trees, rock outcroppings, or historic buildings. As such, no impact would occur.

Except as provided in Public Resources Code Section 21099, would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐

As discussed above, the Project would be constructed on land that has been highly disturbed. The Project proposes industrial commercial development similar to that on adjacent lands, and therefore, would visually blend in with existing development, thereby reducing its visibility within the landscape from offsite public viewing locations. The proposed facility would be constructed in accordance with applicable City design regulations and will be subject to City review, prior to approval and construction. 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.

Except as provided in Public Resources Code Section 21099, would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Would the project create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

The proposed Project site currently consists of a vacant lot. The proposed Project would construct a 15,725 square foot industrial commercial building in a heavily developed area zoned for industrial commercial use. The Project would include light fixtures for parking lots, pedestrian pathways, building entries, and landscaping. These light fixtures would provide increased visibility and security to the project site. 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. Therefore, impacts from light and glare would be less than significant.

4.1.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.2 Agriculture and Forestry Resources

4.2.1 Environmental Setting

The California Department of Conservation (DOC) provides online mapping of important agricultural and forestry resources, including Prime Farmland, Unique Farmland, Farmland of Statewide Importance, properties zoned for agriculture or forestry uses, and properties under Williamson Act contract. 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.

4.2.2 Agriculture and Forestry Resources (II) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒

According to the City of Baldwin Park 2020 General Plan, the project site has a land use designation of Commercial Industrial and is therefore not intended for agricultural use. The California Mapping and Monitoring Program, Important Farmlands Map of Los Angeles County does not list the soils on the project site as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (DOC 2016). Therefore, the proposed Project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to non-agricultural use. No impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant Impact	No Impact
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒

The project site is zoned (I-C) Industrial Commercial and is not located in an agricultural use zone. Therefore, the proposed Project would not result in a conflict with an agricultural use zoning designation or a Williamson Act Contract. No impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant Impact	No Impact
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))?	☐	☐	☐	☒

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.

Would the project:	Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant Impact	No Impact
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒

As discussed in Response (c), the City of Baldwin Park has no designated forest land or timberland within its boundaries. The project site and associated parcels are not 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.

Therefore, the Project would not result in the loss of forest land or conversion of forest land to non-forest use. No impact would occur.

Would the project:	Potentially Significant Impact	Less than Significant With Mitigation Incorporated	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 or conversion of forest land to non-forest use?	☐	☐	☐	☒

The project site and the surrounding properties are not currently used for agriculture. Therefore, the proposed Project would not result in the conversion of forest land to non-forest use. No impact would occur.

4.2.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.3 Air Quality

4.3.1 Environmental Setting

The Project area is located within Los Angeles County. The California Air Resource Board (CARB) has divided California into regional air basins according to topographic features. Los Angeles County and the Project area are located in a region identified as the South Coast Air Basin (SoCAB). The SoCAB occupies the non-desert portions of Los Angeles, Riverside, and San Bernardino counties and all of Orange County. The air basin is on a coastal plain with connecting broad valleys and low hills and is bounded by the Pacific Ocean on the southwest, with high mountains forming the remainder of the perimeter. The mountain ranges to the east affect the diffusion of pollutants by inhibiting the eastward transport of pollutants. Air quality in the SoCAB generally ranges from fair to poor and is similar to air quality in most of coastal Southern California. The entire region experiences heavy concentrations of air pollutants during prolonged periods of stable atmospheric conditions.

Both the U.S. Environmental Protection Agency (USEPA) and the CARB have established ambient air quality standards for common pollutants. These ambient air quality standards are levels of contaminants representing safe levels that avoid specific adverse health effects associated with each pollutant. The ambient air quality standards cover what are called "criteria" pollutants because the health and other effects of each pollutant are described in criteria documents. The six criteria pollutants are ozone (O_3) (O_3 precursor emissions include nitrogen oxide (NOx) and reactive organic gases (ROG)), carbon monoxide (CO), particulate matter (PM), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), and lead. Areas that meet ambient air quality standards are classified as attainment areas, while areas that do not meet these standards are classified as nonattainment areas. The Los Angeles County portion of the SoCAB region is designated as a nonattainment area for the federal O_3, fine particulate matter ($PM_{2.5)}$, and lead standards

and is also a nonattainment area for the state standards for O_3, coarse particulate matter (PM_{10}), and $PM_{2.5}$. (It is noted that lead is not emitted from standard land use developments such as that proposed by the Project.)

The local air quality agency affecting the SoCAB is the South Coast Air Quality Management District (SCAQMD), which is charged with the responsibility of implementing air quality programs and ensuring that national and state ambient air quality standards are not exceeded and that air quality conditions are maintained in the SoCAB. In an attempt to achieve national and state ambient air quality standards and maintain air quality, the air district has completed several air quality attainment plans and reports, which together constitute the State Implementation Plan (SIP) for the portion of the SoCAB encompassing the Project.

The SCAQMD has also adopted various rules and regulations for the control of stationary and area sources of emissions. Provisions applicable to the Proposed Project are summarized as follows:

- **Rule 402 (Nuisance)** – This rule prohibits the discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. This rule does not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.
- **Rule 403 (Fugitive Dust)** – This rule requires fugitive dust sources to implement best available control measures for all sources, and all forms of visible particulate matter are prohibited from crossing any property line. This rule is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. PM_{10} suppression techniques are summarized below:

    a) Portions of a construction site to remain inactive longer than a period of three months will be seeded and watered until grass cover is grown or otherwise stabilized.

    b) All on-site roads will be paved as soon as feasible or watered periodically or chemically stabilized.

    c) All material transported off-site will be either sufficiently watered or securely covered to prevent excessive amounts of dust.

    d) The area disturbed by clearing, grading, earthmoving, or excavation operations will be minimized at all times.

    e) Where vehicles leave a construction site and enter adjacent public streets, the streets will be swept daily or washed down at the end of the work day to remove soil tracked onto the paved surface.

- **Rule 1113 (Architectural Coatings)** – This rule requires manufacturers, distributors, and end-users of architectural and industrial maintenance coatings to reduce reactive organic gas (ROG)

emissions from the use of these coatings, primarily by placing limits on the ROG content of various coating categories.

- **Rule 1401 (New Source Review of Toxic Air Contaminants)** – This rule requires new source review of any new, relocated, or modified permit units that emit TACs. The rule establishes allowable risks for permit units requiring permits pursuant to Rules 201 and 203 discussed above.

4.3.2 Air Quality (III) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☐	☒

As part of its enforcement responsibilities, the USEPA requires each state with nonattainment areas to prepare and submit a SIP that demonstrates the means to attain the federal standards. The SIP must integrate federal, state, and local plan components and regulations to identify specific measures to reduce pollution in nonattainment areas, using a combination of performance standards and market-based programs. Similarly, under state law, the California Clean Air Act requires an air quality attainment plan to be prepared for areas designated as nonattainment with regard to the federal and state ambient air quality standards. Air quality attainment plans outline emissions limits and control measures to achieve and maintain these standards by the earliest practical date.

As previously mentioned, the Project site is located within the SoCAB, which is under the jurisdiction of the SCAQMD. The SCAQMD is required, pursuant to the federal Clean Air Act, to reduce emissions of criteria pollutants for which the SoCAB is in nonattainment. In order to reduce such emissions, the SCAQMD drafted the 2016 Air Quality Management Plan (AQMP). The 2016 AQMP establishes a program of rules and regulations directed at reducing air pollutant emissions and achieving state (California) and national air quality standards. The 2016 AQMP is a regional and multi-agency effort including the SCAQMD, CARB, the Southern California Association of Governments (SCAG), and the USEPA. The plan's pollutant control strategies are based on the latest scientific and technical information and planning assumptions, including SCAG's 2016 Regional Transportation Plan/Sustainable Communities Strategy, updated emission inventory methodologies for various source categories, and SCAG's latest growth forecasts. (SCAG's latest growth forecasts were defined in consultation with local governments and with reference to local general plans.) The Project is subject to the SCAQMD's AQMP.

According to the SCAQMD, in order to determine consistency with SCAQMD's air quality planning 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 or cause or contribute to new air quality violations?

As shown in Table 2, Table 3, Table 4 and Table 5 below, the Proposed Project would result in emissions that would be below the SCAQMD regional and localized thresholds during both construction and operations. Therefore, the Proposed Project would not result in an increase in the frequency or severity of existing air quality violations and would not have the potential to cause or affect a violation of the ambient air quality standards.

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

As shown in Table 2 and Table 4 below the Proposed Project would be below the SCAQMD regional thresholds for construction and operations. Because the Project would result in less than significant regional emission impacts, it would not delay the timely attainment of air quality standards or AQMP emissions reductions.

Criterion 2:

With respect to the second criterion for determining consistency with SCAQMD and SCAG air quality policies, it is important to recognize that air quality planning within the SoCAB 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 its air quality planning documents. Determining whether or not a project exceeds the assumptions reflected in the 2016 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 2016 AQMP?*

A project is consistent with regional air quality planning efforts in part if it is consistent with the population, housing, and employment assumptions that were used in the development of the SCAQMD air quality plans. Generally, three sources of data form the basis for the projections of air pollutant emissions in Baldwin Park. Specifically, SCAG's *Growth Management* Chapter of the Regional Comprehensive Plan and Guide (RCPG) provides regional population forecasts for the region and SCAG's 2016 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) provides socioeconomic forecast projections of regional population growth. The City of Baldwin Park General Plan is referenced by SCAG in order to assist forecasting future growth in Baldwin Park.

The Proposed Project is consistent with the land use designation and development density presented in the General Plan. The Project site is designated by the General Plan as "Commercial Industrial" (CI). The CI land use designation allows for commercial, light industrial, and office land uses. The proposed building is designed for single-tenant warehouse or manufacturing use, which is consistent with the CI land use designation. The Project does not involve any uses that would increase population beyond what is considered in the General Plan and, therefore, would not affect City-wide plans for population growth at

the Project site. Thus, the Proposed Project is consistent with the types, intensity, and patterns of land use envisioned for the site vicinity in the General Plan and RCPG. As a result, the Project would not conflict with the land use assumptions or exceed the population or job growth projections used by SCAQMD to develop the 2016 AQMP. The City's population, housing, and employment forecasts, which are adopted by SCAG's Regional Council, are based on the local plans and policies applicable to the City; and these are used by SCAG in all phases of implementation and review. Additionally, as the SCAQMD has incorporated these same projections into their air quality planning efforts, it can be concluded that the Proposed Project would be consistent with the projections. (SCAG's latest growth forecasts were defined in consultation with local governments and with reference to local general plans.) Therefore, the Proposed Project would be considered consistent with the population, housing, and employment growth projections utilized in the preparation of SCAQMD's air quality plans.

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

In order to further reduce emissions, the Project would be required to comply with emission reduction measures promulgated by the SCAQMD, such as SCAQMD Rules 402, 403, and 1113. SCAQMD Rule 402 prohibits the discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. SCAQMD Rule 403 requires fugitive dust sources to implement Best Available Control Measures for all sources, and all forms of visible particulate matter are prohibited from crossing any property line. SCAQMD Rule 403 is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. SCAQMD 1113 requires manufacturers, distributors, and end-users of architectural and industrial maintenance coatings to reduce ROG emissions from the use of these coatings, primarily by placing limits on the ROG content of various coating categories. As such, the Proposed Project meets this consistency criterion.

c) Would the project be consistent with the land use planning strategies set forth by SCAQMD air quality planning efforts?

The AQMP contains air pollutant reduction strategies based on SCAG's latest growth forecasts, and SCAG's growth forecasts were defined in consultation with local governments and with reference to local general plans. The Proposed Project is consistent with the land use designation and development density presented in the City's General Plan and therefore would not exceed the population or job growth projections used by the SCAQMD to develop the AQMP.

In conclusion, the determination of AQMP consistency is primarily concerned with the long-term influence of a project on air quality. The Proposed Project would not result in a long-term impact on the region's ability to meet state and Federal air quality standards. The Proposed Project's long-term influence would also be consistent with the goals and policies of the SCAQMD's 2016 AQMP.

The Project would be consistent with the emission-reduction goals of the 2016 AQMP. No impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant Impact	No Impact
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐

By its very nature, air pollution is largely a cumulative impact. No single project is sufficient in size, by itself, to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. If a project's individual emissions exceed its identified significance thresholds, the project would be cumulatively considerable. Projects that do not exceed significance thresholds would not be considered cumulative considerable.

A portion of the Proposed Project's air quality impacts are attributable to construction activities. The majority of the long-term air quality impacts will be due to the operation of motor vehicles traveling to and from the site. For purposes of impact assessment, air quality impacts have been separated into construction impacts and operational impacts.

Regional Construction Emission Impacts

Construction associated with the Proposed Project would generate short-term emissions of criteria air pollutants, including ROG, CO, NO_X, PM_{10}, and $PM_{2.5}$. The largest amount of ROG, CO, and NO_X emissions would occur during the earthwork phase. PM_{10} and $PM_{2.5}$ emissions would occur from fugitive dust (due to earthwork and excavation) and from construction equipment exhaust. Exhaust emissions from construction activities include emissions associated with the transport of machinery and supplies to and from the Project site, emissions produced on-site as the equipment is used, and emissions from trucks transporting materials to and from the site. Construction-generated emissions are short term and of temporary duration, lasting only as long as construction activities occur, but have the potential to represent a significant air quality impact.

During construction activities, the Project would also be required to comply with SCAQMD Rule 403 (Fugitive Dust). The purpose of this rule is to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. Accordingly, these rules include specific measures to be employed to prevent and reduce fugitive dust emissions from anthropogenic sources. For instance, the Project applicant would be required to follow PM_{10} suppression techniques. Construction activities anywhere within the regulatory jurisdiction of the SCAQMD, including the Proposed Project site, must follow the techniques summarized below.

1. Portions of a construction site to remain inactive longer than a period of three months will be seeded and watered until grass cover is grown or otherwise stabilized.
2. All on-site roads will be paved as soon as feasible or watered periodically or chemically stabilized.

3. All material transported off-site will be either sufficiently watered or securely covered to prevent excessive amounts of dust.

4. The area disturbed by clearing, grading, earthmoving, or excavation operations will be minimized at all times.

5. Where vehicles leave a construction site and enter adjacent public streets, the streets will be swept daily or washed down at the end of the work day to remove soil tracked onto the paved surface.

The SCAQMD identifies significance thresholds for ROG, CO, and NO_X, SO_2, PM_{10}, and $PM_{2.5}$. Construction-generated emissions associated with the Proposed Project were calculated using CalEEMod. Predicted maximum daily construction-generated emissions of criteria air pollutants for the Proposed Project are summarized in Table 2.

Table 2. Construction-Related Emissions (Regional Significance Analysis)

Construction Year	Pollutant (pounds per day)					
	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Construction in 2020	2.74	18.28	17.75	0.03	1.27	1.02
Construction in 2021	2.57	16.70	17.48	0.03	1.13	0.90
SCAQMD Regional Significance Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

*Source: CalEEMod version 2016.3.2. Refer to **Appendix A** for Model Data Outputs.*

Notes: Emission reduction/credits for construction emissions are applied based on the required implementation of SCAQMD Rule 403. The specific Rule 403 measures applied in CalEEMod include the following: sweeping/cleaning adjacent roadway access areas daily; washing equipment tires before leaving the construction site; water exposed surfaces three times daily; water all haul roads twice daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the SCAQMD CEQA Handbook (Tables XI-A through XI-E) were applied.

Construction of the Project is expected to span 11 months. Building construction, paving, and painting assumed to occur simultaneously.

As shown in Table 2, construction-generated emissions would not exceed the SCAQMD significance thresholds. A less than significant impact would occur as a result of the Proposed Project. No mitigation is required.

Construction Localized Significance Threshold

The nearest sensitive receptors to the Project site are residences located approximately 20 feet (6 meters) north of the Project site. In order to identify impacts to sensitive receptors, the SCAQMD recommends addressing localized significance thresholds (LSTs) for construction. 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 impacts associated with proposed projects.

For this Project, the appropriate source receptor area (SRA) for the localized significance thresholds is the East San Gabriel Valley source receptor area (SRA 9) as this source receptor area includes the Project site. The Proposed Project would disturb approximately 0.5 acres total during construction. The SCAQMD has produced look-up tables for projects that disturb less than or equal to five acres daily. The LST threshold value for a one-acre site from the LST lookup table was employed. LST thresholds are provided for distances to sensitive receptors of 25, 50, 100, 200, and 500 meters. Notwithstanding, the SCAQMD Methodology explicitly states: *It is possible that a project may have receptors closer than 25 meters. Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters.* The nearest sensitive receptors to the Project site are residences located approximately 6 meters north of the Project site and therefore, LSTs for receptors located at 25 meters were utilized in this analysis.

The SCAQMD's methodology clearly states: *off-site mobile emissions from a project should not be included in the emissions compared to LSTs*. Therefore, for purposes of the construction LST analysis, only emissions included in the CalEEMod "onsite" emissions outputs were considered. Table 3 presents the results of localized emissions during Project site preparation and site grading, which are the construction activities that disturbs the most acreage daily. Localized emissions generated during both site preparation and grading are disclosed as these activities can generate substantial amounts of localized pollutants. The LSTs reflect a maximum disturbance of 1.0 acre at 25 meters for the Proposed Project.

Table 3. Construction-Related Emissions (Localized Significance Analysis)

Activity	Pollutant (pounds per day)			
	NO_X	**CO**	**PM_{10}**	**$PM_{2.5}$**
Project Site Preparation	8.43	4.09	0.54	0.33
Project Site Grading	7.87	7.62	0.76	0.60
SCAQMD Localized Significance Threshold	*89.00*	*623.00*	*5.00*	*3.00*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

*Source: CalEEMod version 2016.3.2. Refer to **Appendix A** for Model Data Outputs.*

Notes: Emission reduction/credits for construction emissions are applied based on the required implementation of SCAQMD Rule 403. The specific Rule 403 measures applied in CalEEMod include the following: sweeping/cleaning adjacent roadway access areas daily; washing equipment tires before leaving the construction site; water exposed surfaces three times daily; water all haul roads twice daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the SCAQMD CEQA Handbook (Tables XI-A through XI-E) were applied.

Construction of the Project is expected to span 11 months. Building construction, paving, and painting assumed to occur simultaneously.

Table 3 shows that the emissions of these pollutants on the peak day of construction would not result in significant concentrations of pollutants at nearby sensitive receptors. Therefore, a less than significant impact would occur as a result of the Project. No mitigation is required.

Regional Operational Emission Impacts

Implementation of the Project would result in long-term operational emissions of criteria air pollutants such as PM_{10}, $PM_{2.5}$, CO, and SO_2 as well as O_3 precursors such as ROG and NO_X. Project-generated increases in emissions would be predominantly associated motor vehicle use.

The SCAQMD identifies significance thresholds for ROG, CO, and NO_X, SO_2, PM_{10}, and $PM_{2.5}$. Operational-generated emissions associated with the Proposed Project were calculated using CalEEMod. Predicted maximum daily operational-generated emissions of criteria air pollutants for the Proposed Project are summarized in Table 4.

Table 4. Operational-Related Emissions (Regional Significance Analysis)

Emission Source	Pollutant (pounds per day)					
	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Summer Emissions						
Area	0.35	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.66	13.05	6.43	0.06	3.00	0.90
Total	**1.01**	**13.06**	**6.44**	**0.06**	**3.00**	**0.90**
SCAQMD Regional Significance Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Winter Emissions						
Area	0.35	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.66	13.47	6.38	0.06	3.00	0.90
Total	**1.02**	**13.48**	**6.39**	**0.06**	**3.00**	**0.90**
SCAQMD Regional Significance Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

*Source: CalEEMod version 2016.3.2. Refer to **Appendix A** for Model Data Outputs.*

Notes: Emissions projections account for a trip generation rate and fleet mix identified by KOA 2019.Specifically, KOA estimates the Project generation of 97 average vehicle trips daily, 58 of which are attributed with the proposed warehouse space and 39 of which are associated with the proposed office space. All trips attributed to the proposed warehouse space are assumed to be heavy duty trucks. The average trip length credited to these heavy duty truck trips is calculated at 50.2 miles, which represents the average distance between the Project site and the Port of Los Angeles/Long Beach, the Project site and the Banning Pass, the Project Site and the San Diego County line, the Project site and the Cajon Pass, and the Project site and downtown Los Angeles.

As indicated in Table 4, operational-generated emissions would not exceed SCAQMD significance thresholds. A less than significant impact would occur as a result of operation of the Proposed Project. No mitigation is required.

Operational Localized Significance Threshold

According to the SCAQMD localized significance threshold methodology, LSTs would apply to the operations of a project only if the project includes stationary sources or attracts mobile sources that may spend long periods queuing and idling at the site (e.g., warehouse or transfer facilities). The Proposed Project includes 14,525-square feet of warehouse-related building space. Therefore, in the case of the Proposed Project, the operational phase LST protocol is applied. Operational LSTs apply to CO, NO_2, PM_{10}, and $PM_{2.5}$.

The nearest sensitive receptors to the Project site are residences located approximately 20 feet (6 meters) north of the Project site. As previously described, LST thresholds are provided for distances to sensitive receptors of 25, 50, 100, 200, and 500 meters. Notwithstanding, the SCAQMD Methodology explicitly states: *It is possible that a project may have receptors closer than 25 meters. Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters.* Thus, LSTs for receptors located at 25 meters were utilized in this analysis.

The appropriate SRA for the localized significance thresholds is the East San Gabriel Valley area (SRA 9) since this area includes the Project site. As described, the SCAQMD has produced lookup tables for projects that disturb one, two and five acres. The Proposed Project site is 0.5 acres; therefore, the LST threshold value for a one-acre site was employed from the LST lookup tables.

For a worst-case scenario assessment, the emissions shown in Table 5 include all "onsite" project-related stationary (area) sources and 10 percent of the Project-related mobile sources. Considering, for example, that the longest weighted heavy duty truck trip length used in CalEEMod for the Project is approximately 50.2 miles, 10 percent of this total would represent an onsite travel distance for each truck of approximately five miles; thus, the 10 percent assumption is conservative and would tend to overstate the actual impact.

Table 5. Operational-Related Emissions Attributable to Project Buildout (Localized Significance Analysis)

Source	Pollutant (pounds per day)			
	NO_X	**CO**	**PM_{10}**	**$PM_{2.5}$**
Onsite Emissions (Summer)	1.30	0.64	0.30	0.09
Onsite Emissions (Winter)	1.34	0.63	0.30	0.09
SCAQMD Localized Significance Threshold	*89.00*	*623.00*	*2.00*	*1.00*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

*Source: CalEEMod version 2016.3.2. Refer to **Appendix A** for Model Data Outputs.*

Notes: Emissions projections account for a trip generation rate and fleet mix identified by KOA 2019.Specifically, KOA estimates the Project generation of 97 average vehicle trips daily, 58 of which are attributed with the proposed warehouse space and 39 of which are associated with the proposed office space. All trips attributed to the proposed warehouse space are assumed to be heavy duty trucks. The average trip length credited to these heavy duty truck trips is calculated at 50.2 miles, which represents the average distance between the Project site and the Port of Los Angeles/Long Beach, the Project site and the Banning Pass, the Project Site and the San Diego County line, the Project site and the Cajon Pass, and the Project site and downtown Los Angeles.

As seen in Table 5, the emissions of these pollutants on the peak day of operations would not result in significant concentrations of pollutants at nearby sensitive receptors. Therefore, significant impacts would not occur concerning LSTs during operational activities.

Would the Project:	Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant Impact	No Impact
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐

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. The 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. The nearest sensitive receptors to the Project site are residences approximately 20 feet to the north separated from the Project by a rear alley

Construction-Generated Air Contaminants

Construction-related activities would result in temporary, short-term Project-generated emissions of diesel particulate matter (DPM) from the exhaust of off-road, heavy-duty diesel equipment for site preparation (e.g., clearing, grading); soil hauling truck traffic; paving; and other miscellaneous activities. For construction activity, DPM is the primary toxic air contaminant (TAC) of concern. Particulate exhaust emissions from diesel-fueled engines (i.e., DPM) were identified as a TAC by the CARB in 1998. The potential cancer risk from the inhalation of DPM, as discussed below, outweighs the potential for all other health impacts (i.e., non-cancer chronic risk, short-term acute risk) and health impacts from other TACs. Accordingly, DPM is the focus of this discussion.

Based on the emission modeling conducted the maximum onsite construction-related emissions of exhaust $PM_{2.5}$, considered a surrogate for DPM, would be 0.44 pounds per day during construction activities (see Appendix A). ($PM_{2.5}$ is considered a surrogate for DPM because more than 90 percent of DPM is less than 1 microgram in diameter and therefore is a subset of particulate matter under 2.5 microns in diameter (i.e., $PM_{2.5}$). Most $PM_{2.5}$ derives from combustion, such as use of gasoline and diesel fuels by motor vehicles.) Furthermore, even during the most intense month of construction, emissions of DPM would be generated from different locations on the Project site, rather than a single location, because different types of construction activities (e.g., site preparation, grading, paving) would not occur at the same place at the same time.

The dose to which receptors are exposed is the primary factor used to determine health risk (i.e., potential exposure to TAC emission levels that exceed applicable standards). Dose is a function of the concentration of a substance or substances in the environment and the duration of exposure to the substance. Dose is positively correlated with time, meaning that a longer exposure period would result in a higher exposure level for any exposed receptor. Thus, the risks estimated for an exposed individual are higher if a fixed

exposure occurs over a longer period of time. According to the Office of Environmental Health Hazard Assessment, health risk assessments, which determine the exposure of sensitive receptors to TAC emissions, should be based on a 70-, 30-, or nine-year exposure period; however, such assessments should be limited to the period/duration of activities associated with the Proposed Project. Consequently, an important consideration is the fact that construction of the Proposed Project is anticipated to last approximately 11 months, and that on a day-to-day basis construction activity generally spans eight hours as opposed to throughout the entire day. Thus, Project construction would not last nine consecutive years, the minimum duration of exposure from which to calculate health risk.

Therefore, considering the relatively low mass of DPM emissions that would be generated during even the most intense season of construction and the temporary nature of construction activities, construction-related TAC emissions would not expose sensitive receptors to substantial amounts of air toxics.

Furthermore, the Project has been evaluated against the SCAQMD's LSTs for construction. LSTs were developed in response to SCAQMD Governing Boards' Environmental Justice Enhancement Initiative and can be used to assist lead agencies in analyzing localized impacts associated with Project-specific level of proposed projects. The SCAQMD Environmental Justice Enhancement Initiative program seeks to ensure that everyone has the right to equal protection from air pollution. The Environmental Justice Program is divided into three categories, with the LST protocol promulgated under Category I: *Further-Reduced Health Risk*. As shown in Table 3, the emissions of pollutants on the peak day of construction would not result in significant concentrations of pollutants at nearby sensitive receptors. Thus, the fact that onsite Project construction emissions would be generated at rates below the LSTs for NO_x, CO, PM_{10}, and $PM_{2.5}$ demonstrates that the Project would likely not adversely impact nearby sensitive receptors.

Operational Air Contaminants

Carbon Monoxide Hot Spots

It has long been recognized that CO exceedances are caused by vehicular emissions, primarily when idling at intersections. Concentrations of CO are a direct function of the number of vehicles, length of delay, and traffic flow conditions. Under certain meteorological conditions, CO concentrations close to congested intersections that experience high levels of traffic and elevated background concentrations may reach unhealthy levels, affecting nearby sensitive receptors. Given the high traffic volume potential, areas of high CO concentrations, or "hot spots," are typically associated with intersections that are projected to operate at unacceptable levels of service during the peak commute hours. However, transport of this criteria pollutant is extremely limited, and CO disperses rapidly with distance from the source under normal meteorological conditions. Furthermore, vehicle emissions standards have become increasingly more stringent in the last 20 years. Currently, the CO standard in California is a maximum of 3.4 grams per mile for passenger cars (requirements for certain vehicles are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of control technology on industrial facilities, CO concentrations in the Project vicinity have steadily declined.

Accordingly, with the steadily decreasing CO emissions from vehicles, even very busy intersections do not result in exceedances of the CO standard. The analysis prepared for CO attainment in the South Coast Air Quality Management District 1992 Federal Attainment Plan for Carbon Monoxide (SCAQMD 1992) in

Southern California was conducted for four busy intersections in Los Angeles County during the peak morning and afternoon time periods. The busiest intersection evaluated has a traffic volume of approximately 100,000 vehicles per day. The Los Angeles County Metropolitan Transportation Authority evaluated the level of service in the vicinity of the intersection and found it to be level of service (LOS) E at peak morning traffic and LOS F at peak afternoon traffic. Even with the inefficient LOS and volume of traffic, the CO analysis concluded that there was no violation of CO standards (SCAQMD 1992).

According to the Traffic Impact Analysis prepared for the Project (KOA 2019), the Project is anticipated to generate 97 daily trips on average. Because the Proposed Project would not increase traffic volumes at any intersection by more than 100,000 vehicle trips per day, there is no likelihood of the Project traffic exceeding CO values. The impact is less than significant. No mitigation is required.

Would the Project:	Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant Impact	No Impact
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

Quality and intensity are two properties present in any odor. The quality of an odor indicates the nature of the smell experience. For instance, if a person describes an odor as flowery or sweet, then the person is describing the quality of the odor. Intensity refers to the strength of the odor. For example, a person may use the word "strong" to describe the intensity of an odor. Odor intensity depends on the odorant concentration in the air. When an odorous sample is progressively diluted, the odorant concentration decreases. As this occurs, the odor intensity weakens and eventually becomes so low that the detection or recognition of the odor is quite difficult. At some point during dilution, the concentration of the odorant reaches a detection threshold. An odorant concentration below the detection threshold means that the concentration in the air is not detectable by the average human.

Construction Impacts

During construction, the Proposed Project presents the potential for generation of objectionable odors in the form of diesel exhaust in the immediate vicinity of the site. However, these emissions are short-term in nature and will rapidly dissipate and be diluted by the atmosphere downwind of the emission sources. Additionally, odors would be localized and generally confined to the construction area. Therefore, construction odors would result in a less than significant impact related to odor emissions.

Operational Impacts

The land uses generally identified as sources of odors include wastewater treatment plants, wastewater pumping facilities, sanitary landfills, transfer stations, composting facilities, petroleum refineries, asphalt batch plants, chemical manufacturing and fiberglass manufacturing facilities, painting/coating operations, rendering plants, coffee roasters, food processing facilities, confined animal facilities, feedlots, dairies, green waste and recycling operations, and metal smelting plants. If a source of odors is proposed to be located near existing or planned sensitive receptors, this could have the potential to cause operational-

related odor impacts. The Project does not include or propose any of these land uses or similar land uses. The operational impact is less than significant.

4.3.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.4 Biological Resources

4.4.1 Environmental Setting

The Project site lies within the City of Baldwin Park, an urbanized community that is largely built out, with limited to no natural habitat for special status species (Baldwin Park 2002a). The Project site has been previously graded and is largely devoid of vegetation, except for isolated patches of invasive weeds. There are no trees on the site and no significant natural drainage or surface water features.

4.4.2 Biological Resources (IV) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☐	☒

The Project site lies within the City of Baldwin Park, an urbanized community that is largely built out, with limited to no natural habitat for special status species (Baldwin Park 2002a). The Project site has been previously graded and is largely devoid of vegetation, except for isolated patches of invasive weeds. The site is highly disturbed and no sensitive habitat is present on the property. Project implementation is not anticipated to directly impact 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. No impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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?	☐	☐	☐	☒

Refer to Response 4.4(a), above. The Walnut Creek Nature Park is located approximately 0.4 miles southeast of the Project site within the City of Baldwin Park. The Project does not propose any development that would cause a direct or indirect disturbance to the 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 U.S. Fish and Wildlife Service. No impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒

Refer to Response 4.4(a) above. The Project site is generally flat and does not feature any discernible natural drainage or surface water features. According to the General Plan Final Program EIR (Appendix A Initial Study), there are no know 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.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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?	☐	☐	☐	☒

The Project site has experienced substantial prior development and disturbance. The site is not located within a Multi-Species Habitat Conservation Plan, and no designated wildlife corridors are present in the vicinity. Due to the disturbed nature of the Project site and developed nature of its surroundings, the site is not anticipated to be utilized by wildlife as a movement or migratory corridor. Neither the Project site or surrounding lands are expected to support native wildlife nursery site. No impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒

Refer to Response 4.4(a) above regarding onsite conditions and biological resources. There are no trees on the site and therefore no conflict with the City's Tree Preservation Ordinance (Ordinance 1336). No impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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?	☐	☐	☐	☒

Baldwin Park is not located within a habitat conservation plan, natural community conservation plan, or any other approved local, regional or State habitat conservation plan area. The nearest designated habitat conservation area is a County of Los Angeles Significant Ecological Area (SEA) (Area #19, San Gabriel Canyon) located approximately 8.0 miles northeast of the Project site. Therefore, the Project would not result in an impact with regard to conflict with an adopted conservation plan. No impact would occur.

4.4.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.5 Cultural Resources

4.5.1 Environmental Setting

A number of buildings with historic, cultural, architectural, and community, and aesthetic values exist throughout Baldwin Park. The City recognizes these historic resources as an important part of the community, 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. Furthermore, the City's Historic Overlay zone is established to recognize, protect and ensure proper utilization of historic resources in the interest of public, health, safety, prosperity, social and cultural enrichment, and general welfare (Baldwin Park 2002a).

The subject site is currently a vacant parcel and is visually overgrown with weeds and poor grading with indications of recent site demo work. The site has been developed since at least 1964, according to aerial photographs (ENCON 2019). Previous occupants include a private security firm from about 2010 through

2014, an engineering office in about 1980, and a lighting and interior design company in about 1975. The site has been vacant since 2018.

4.5.2 Records Search Methods

A cultural resources records search was conducted in January 2020 at the South Central Coastal Information Center (SCCIC), located at California State University, Fullerton (Appendix B). The purpose of the records search was to determine the extent of previous cultural resources investigations and the presence of previously recorded archaeological sites or historic-period (i.e., more than 50 years in age) resources within a 0.25-mile radius of the Project Area.

Previous Research

The records search indicated that four cultural resources investigations were conducted within a 0.25-mile radius of the Project area between 1994 and 2012. Three of the four investigations overlapped the Project Area. These include two linear surveys of Interstate 10, one for widening of the Interstate and another for the addition of HOV lanes, and two studies for Interstate 10 interchange improvements.

The records search results show that no previously recorded resources are located within the Project Area nor within 0.25-mile of the project area (Appendix B).

4.5.3 Cultural Resources (V) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☐	☐	☒	☐

The site has been previously disturbed and is currently vacant. There are no known historic resources present on the 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. Further, the proposed Project would not authorize any adverse impacts to a historical resource. The records search results show that no previously recorded resources are located within the Project Area nor within 0.25-mile of the project area (Appendix B). Therefore, impacts to historic resources would be less than significant with the project.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☐	☒	☐

According to the General Plan FEIR, the City 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 low. As such, the General Plan FEIR determined that no impacts on historical and cultural resources would occur with future buildout of the General Plan. Because Project construction and demolition activities would occur on a previously disturbed site, it is unlikely the Project would cause a substantial adverse change in the significance of an archaeological resource. Furthermore, the records search results show that no previously recorded resources are located within the Project Area nor within 0.25-mile of the project area (Appendix B). Impacts are less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☐	☒	☐

The Project is not expected to disturb any human remains including those outside of formal cemeteries. The City of Baldwin Park does not have any cemeteries and the project site has not been used as a cemetery in the past. In addition, the site has not been used for any activities that have resulted in human remains being present on the property. The potential for uncovering such significant resources during project grading or excavation activities is therefore considered to be low. As required by state law, 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 (NAHC) and consultation with the individual identified to be the "most likely descendant." With adherence to applicable laws and regulations, impacts to human remains are anticipated to be less than significant.

4.5.4 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.6 Energy

4.6.1 Environmental Setting

Electricity/Natural Gas Services

Southern California Edison provides electrical services to Baldwin Park through State-regulated public utility contracts. Southern California Edison, the largest subsidiary of Edison International, is the primary electricity supply company for much of Southern California. It provides 14 million people with electricity across a service territory of approximately 50,000 square miles.

The Southern California Gas Company provides natural gas services to the Project area. Southern California Gas services approximately 21.6 million customers, spanning roughly 20,000 square miles of California.

Energy Consumption

Electricity use is measured in kilowatt-hours (kWh), and natural gas use is measured in therms. Vehicle fuel use is typically measured in gallons (e.g. of gasoline or diesel fuel), although energy use for electric vehicles is measured in kWh.

The electricity consumption associated with all non-residential uses in Los Angeles County from 2014 to 2018 is shown in Table 6. As indicated, the demand has decreased since 2014.

Table 6. Non-Residential Electricity Consumption in Los Angeles County 2014-2018

Year	Non-Residential Electricity Consumption (kilowatt hours)
2018	47,267,108,138
2017	48,089,687,858
2016	48,759,916,535
2015	49,692,361,721
2014	49,193,414,622

Source: ECDMS 2019

The natural gas consumption associated with all non-residential uses in Los Angeles County from 2014 to 2018 is shown in Table 7. As indicated, the demand has increased since 2014.

Table 7. Non-Residential Natural Gas Consumption in Los Angeles County 2014-2018

Year	Non-Residential Natural Gas Consumption (therms)
2018	1,813,661,643
2017	1,840,593,319
2016	1,767,522,497
2015	1,677,088,197
2014	1,715,328,124

Source: ECDMS 2019

Automotive fuel consumption in Los Angeles County from 2015 to 2019 is shown in Table 8. On-road fuel consumption has decreased between 2015 and 2019, whereas off-road fuel consumption increased in that same time period. For this Project, due to the operational use of diesel heavy-duty trucks, construction fuel use and operational fuel use will be compared to the total fuel consumption in the County.

Table 8. Automotive Fuel Consumption in Los Angeles County 2015-2019

Year	On-Road Automotive Fuel Consumption (gallons)	Off-Road Equipment Fuel Consumption (gallons)	Total Fuel Consumption (gallons)
2019	4,358,843,709	91,019,018	4,449,862,727
2018	4,447,799,085	88,768,074	4,536,567,159
2017	4,520,489,085	86,429,167	4,606,918,252
2016	4,542,402,544	84,163,500	4,626,566,044
2015	4,532,265,457	81,060,444	4,613,325,901

Source: CARB 2017

4.6.2 Energy (VI) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐

The impact analysis focuses on the four sources of energy that are relevant to the Proposed Project: electricity, natural gas, the equipment-fuel necessary for Project construction, and the automotive fuel necessary for Project operations. Addressing energy impacts requires an agency to make a determination as to what constitutes a significant impact. There are no established thresholds of significance, statewide or locally, for what constitutes a wasteful, inefficient, and unnecessary consumption of energy for a proposed land use project. For the purpose of this analysis, the amount of electricity and natural gas estimated to be consumed by the Project is quantified and compared to that consumed by non-residential land uses in Los Angeles County. Similarly, the amount of fuel necessary for Project construction and operations is calculated and compared to that consumed in Los Angeles County.

The analysis of electricity gas usage is based on California Emissions Estimator Model (CalEEMod) modeling conducted by ECORP Consulting (see Appendix A*)*, which quantifies energy use for Project operations. The amount of operational automotive fuel use was estimated using the CARB's EMFAC2017 computer program, which provides projections for typical daily fuel usage in Los Angeles County. The amount of total construction-related fuel use was estimated using ratios provided in the Climate Registry's General Reporting Protocol for the Voluntary Reporting Program, Version 2.1. Energy consumption associated with the Proposed Project is summarized in Table 9.

Table 9. Proposed Project Energy and Fuel Consumption

Energy Type	Annual Energy Consumption	Percentage Increase Countywide
Electricity Consumption[1]	74,954 kilowatt-hours	0.0002 percent
Natural Gas[1]	251 therms	0.0000 percent
Automotive Fuel Consumption		
Project Construction[2]	28,374 gallons	0.0006 percent
Project Operations[3]	12,885 gallons	0.0003 percent

Source: [1]ECORP 2020; [2]Climate Registry 2016; [3]EMFAC2017 (CARB 2017)

Notes: The Project increases in electricity and natural gas consumption are compared with all of the non-residential buildings in Los Angeles County in 2018, the latest data available. The Project increases in automotive fuel consumption are compared with the countywide fuel consumption in 2019.

As shown in Table 9, the increase in electricity usage as a result of the Project would constitute an approximate 0.0002 percent increase in the typical annual electricity consumption attributable to non-residential uses in Los Angeles County. Project increases in natural gas usage across Los Angeles County would also be negligible. The Project would adhere to all federal, state, and local requirements for energy efficiency, including the Title 24 standards. The Project would be required to comply with Title 24 building energy efficiency standards, which establish minimum efficiency standards related to various building features, including appliances, water and space heating and cooling equipment, building insulation and roofing, and lighting. Implementation of the Title 24 standards significantly reduces energy usage.

As further indicated in Table 9, the Project's gasoline fuel consumption during the one-time construction period is estimated to be 28,374 gallons of fuel, which would increase the annual countywide gasoline fuel use in the county by 0.0006 percent. As such, Project construction would have a nominal effect on local and regional energy supplies. No unusual Project characteristics would necessitate the use of construction equipment that would be less energy efficient than at comparable construction sites in the region or the state. Construction contractors would purchase their own gasoline and diesel fuel from local suppliers and would judiciously use fuel supplies to minimize costs due to waste and subsequently maximize profits. Additionally, construction equipment fleet turnover and increasingly stringent State and federal regulations on engine efficiency combined with state regulations limiting engine idling times and requiring recycling of construction debris, would further reduce the amount of transportation fuel demand during Project construction. For these reasons, it is expected that construction fuel consumption associated with the Project would not be any more inefficient, wasteful, or unnecessary than other similar development projects of this nature.

As indicated in Table 9, Project operation is estimated to consume approximately 12,885 gallons of automotive fuel per year, which would increase the annual countywide automotive fuel consumption by 0.0003 percent. The amount of operational fuel use was estimated using CARB's EMFAC2017 computer program, which provides projections for typical daily fuel usage in Los Angeles County. This analysis conservatively assumes that all of the automobile trips projected to arrive at the Project during operations would be new to Los Angeles County. Further, a liberal approach was taken for vehicle trip estimation to ensure potential impacts due to operational gasoline usage were adequately accounted for. The Project

would not result in excessive long-term operational automotive fuel consumption. Fuel consumption associated with vehicle trips generated by the Project would not be considered inefficient, wasteful, or unnecessary in comparison to other similar developments in the region. Furthermore, the Project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. For these reasons, this impact would be less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

The Project would be designed in a manner that is consistent with relevant energy conservation plans designed to encourage development that results in the efficient use of energy resources. Relevant energy conservation plans specific to Baldwin Park include the City's General Plan Health and Sustainability Element, specifically Goal HS-7 of this Element. An overarching goal of these implementation elements is to encourage energy conservation activities and programs throughout the City. The Project would not conflict or obstruct any local or state plans for renewable energy or energy efficiency. For these reasons, this impact would be less than significant.

4.6.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.7 Geology and Soils

4.7.1 Environmental Setting

Geomorphic Setting

The City of Baldwin Park is located in the Baldwin Park Quadrangle, which covers an area of about 62 square miles in eastern Los Angeles County. The area lies in densely populated central San Gabriel Valley and includes parts of the cities of Azusa, Baldwin Park, Covina, Duarte, El Monte, Glendora, Industry, Irwindale, La Puente, Monrovia, Walnut, West Covina, as well as unincorporated areas of Los Angeles County (DOC 1998).

The San Gabriel Valley is a sediment-filled, east-trending structural trough situated along the southern flank of the San Gabriel Mountains. The San Gabriel Mountains are a major component of the Transverse Ranges geomorphic province of California and are comprised largely of plutonic and metamorphic rocks. In the Baldwin Park Quadrangle, the southern boundary of San Gabriel Valley is defined by the Puente Hills and San Jose Hills, which are comprised of Tertiary marine and non-marine sedimentary rocks (DOC 1998).

Regional Seismicity and Fault Zones

An "active fault," according to California Department of Conservation, Division of Mines and Geology, is a fault that has indicated surface displacement within the last 11,000 years. A fault that has not shown geologic evidence of surface displacement in the last 11,000 years is considered "inactive."

No active faults traverse the City. However, several major faults have been identified in the region with the potential to cause damage. The most significant known active fault 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 in the Public Safety Element of the General Plan. The Safety Element contains policies designed to substantially lessen seismic impacts and to provide local residents with an adequate level of protection from seismic-related activity.

Soils

Surficial deposits in the vicinity of the site consist predominantly of recent alluvial sediments composed primarily of sands, silts, and clay. During a subsurface investigation for a neighboring facility, fluvial deposits consisting of sand with minor components of silt and clay were encountered to approximately 26 feet below grade surface (ENCON 2019).

4.7.2 Geology and Soils (VII) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Directly or indirectly cause 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?	☐	☐	☐	☒

i) 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, according to the Public Safety Element of the General Plan.

The proposed Project would not expose people or structures to potential substantial adverse effects involving the rupture of a known earthquake fault. According to the City's General Plan, there are no active faults within the City of Baldwin Park, therefore no Alquist-Priolo Special Study Zones are within the City. No impact would occur.

ii) Just like most of southern California, in the event of an earthquake strong ground shaking is expected to occur on the project site. The proposed Project would not expose people or structures to strong seismic ground shaking greater than what currently exists. The City has implemented the Uniform Building Code seismic safety standards for structural construction. The City will continue to enact these and other seismic safety programs to minimize hazards from earthquakes and other seismic hazards. Design and construction would comply with current building codes and standards which would reduce the risk of loss, injury, or death resulting from strong ground-shaking. Impacts would be less than significant.

iii) Liquefaction is a phenomenon where water-saturated granular soil loses shear strength during strong ground shaking produced by earthquakes. The loss of soil strength occurs when cyclic pore water pressure increases below the groundwater surface. Potential hazards due to liquefaction include the loss of bearing strength beneath structures, possibly causing foundation failure and/or significant settlements. According to the California Geological Survey (CGS), the project site is located within the liquefaction potential zone as shown on the Earthquake Zones of Required Investigation: Baldwin Park Quadrangle (CGS 1999). Existing City development project review practices include review of soils and geotechnical reports which document in-field conditions. As such, the City Engineer would recommend measures for incorporation into the design and construction of the project to reduce liquefaction impacts. Additionally, the proposed Project would comply with the California Building Code and is not anticipated to directly or indirectly cause substantial adverse effects, including the risk of loss, injury, or death involving seismic related ground failure including liquefaction. Impacts would be less than significant.

iv) According to the California Geological Survey (CGS), the Project site is not located in an area subject to landslides (CGS 1999). The site is relatively flat terrain, as are the surrounding properties. No impacts would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐

Implementation of the proposed Project would require ground-disturbing activities, such as grading, that could potentially result in soil erosion or loss of topsoil. Construction of the proposed Project would be required to comply with the Construction General Permit, either through a waiver or through preparation and implementation of a Storm Water Pollution Prevention Plan (SWPPP). Best Management Practices (BMPs) included in the SWPPP would minimize soil erosion during construction. The proposed Project's grading plan would also ensure that the proposed earthwork and storm water structures are designed to avoid soil erosion. As such, soil erosion impacts would be reduced to a less than significant impact.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐

Strong ground shaking can cause settlement, lateral spreading, or subsidence by allowing sediment particles to become more tightly packed, thereby reducing pore space. The potential for a landslide, lateral spreading, liquefaction, or collapse at the project site is very low. The site is relatively flat and would not be at risk of landslides. Additionally, the proposed Project would construct an industrial commercial facility on a previously developed site. As discussed above, the City has implemented the Uniform Building Code seismic safety standards for structural construction. The City will continue to enact these and other seismic safety programs to minimize hazards from earthquakes and other seismic hazards. Therefore, the proposed Project would not contribute to a new exposure of people or structures to substantial adverse effects associated with onsite or offsite landslide, lateral spreading, subsidence, liquefaction or collapse. Impacts would be less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐

Expansive soils generally result from specific clay minerals that have the capacity to shrink or swell in response to changes in moisture content. As previously noted, soils within the project area are generally sandy soils. According to the Natural Resources Conservation Service Web Soil Survey, the project site consists almost entirely of Urban land-Tujunga-Typic Xerorthents, sandy substratum complex, 0 to 2 percent slopes (NRCS 2019). This type of soil has a low shrink-swell potential, and this is considered to have low expansive qualities. Impacts would be less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	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?	☐	☐	☐	☒

The proposed Project does not include the installation of a septic system or alternative waste water disposal system. No impacts would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

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 unlikely (Baldwin Park 2002b).

Although no paleontological resources are known to exist on site, there is a possibility that paleontological resources exist at sub-surface levels on the project site and may be uncovered during grading and excavation activities. Implementation of mitigation measure **GEO-1** will ensure that if any such resources are found during construction of the Project, they would be handled according to the proper regulations and any potential impacts would be reduced to less than significant levels.

4.7.3 Mitigation Measures

GEO-1: Unanticipated Discovery – Paleontological Resource. If paleontological resources (i.e., fossil remains) are discovered during excavation activities, the contractor will notify the City and cease excavation within 100 feet of the find until a qualified paleontological professional can provide an evaluation of the site. The qualified paleontological professional will evaluate the significance of the find and recommend appropriate measures for the disposition of the site (e.g. fossil recovery,

curation, data recovery, and/or monitoring). Construction activities may continue on other parts of the construction site while evaluation and treatment of the paleontological resource takes place.

4.8 Greenhouse Gas Emissions

4.8.1 Environmental Setting

Greenhouse Gas (GHG) emissions are released as byproducts of fossil fuel combustion, waste disposal, energy use, land use changes, and other human activities. This release of gases, such as carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), and chlorofluorocarbons, creates a blanket around the earth that allows light to pass through but traps heat at the surface, preventing its escape into space. While this is a naturally occurring process known as the greenhouse effect, human activities have accelerated the generation of GHGs beyond natural levels. The overabundance of GHGs in the atmosphere has led to an unexpected warming of the earth and has the potential to severely impact the earth's climate system.

Each GHG differs in its ability to absorb heat in the atmosphere based on the lifetime, or persistence, of the gas molecule in the atmosphere. CH_4 traps over 25 times more heat per molecule than CO_2, and N_2O absorbs 298 times more heat per molecule than CO_2. Often, estimates of GHG emissions are presented in carbon dioxide equivalents (CO_2e). Expressing GHG emissions in carbon dioxide equivalents takes the contribution of all GHG emissions to the greenhouse effect and converts them to a single unit equivalent to the effect that would occur if only CO_2 were being emitted.

The local air quality agency regulating the SoCAB is the SCAQMD, the regional air pollution control officer for the basin. To provide guidance to local lead agencies on determining significance for GHG emissions in CEQA documents, SCAQMD staff convened a GHG CEQA Significance Threshold Working Group. Members of the working group included government agencies implementing CEQA and representatives from various stakeholder groups that provide input to SCAQMD staff on developing the significance thresholds. On October 8, 2008, the SCAQMD released the Draft AQMD Staff CEQA GHG Significance Thresholds. On September 28, 2010, SCAQMD Working Group Meeting #15 provided further guidance, including a numeric "bright-line" threshold of 3,000 metric tons of CO_2e annually and an efficiency-based threshold of 4.8 metric tons of CO_2e per service population (defined as the people that work, study, live, patronize and/or congregate on the Project site) per year in 2020 and 3.0 metric tons of CO_2e per service population per year in 2035. The SCAQMD has not announced when staff is expecting to present a finalized version of these thresholds to the governing board. The SCAQMD has also adopted Rules 2700, 2701, and 2702 that address GHG reductions; however, these rules are currently applicable only to boilers and process heaters, forestry, and manure management projects.

4.8.2 Greenhouse Gas Emissions (VIII) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐

Construction-Generated Greenhouse Gas Emissions

A potent source of GHG emissions associated with the Proposed Project would be combustion of fossil fuels during construction activities. The construction phase of the Proposed Project is temporary but would result in GHG emissions from the use of heavy construction equipment and construction-related vehicle trips. The operational phase would also result in GHG emissions, predominately from vehicle trips to the Project site.

Construction-related activities that would generate GHGs include worker commute trips, haul trucks carrying supplies and materials to and from the Project site, and off-road construction equipment (e.g., dozers, loaders, excavators). Table 10 illustrates the specific construction-generated GHG emissions that would result from construction of the Project.

Table 10. Construction-Related Greenhouse Gas Emissions

Emissions Source	CO_2e (Metric Tons/ Year)
Construction in 2020	176
Construction in 2021	112
Total	**288**

*Source: CalEEMod version 2016.3.2. Refer to **Appendix A** for Model Data Outputs.*
Notes: Construction of the Project is expected to span 11 months. Building construction, paving, and painting assumed to occur simultaneously.

As shown in Table 10, Project construction would result in the generation of approximately 288 metric tons of CO_2e over the course of construction. Once construction is complete, the generation of these GHG emissions would cease. The amortized construction emissions are added to the annual average operational emissions.

Operational-Generated Greenhouse Gas Emissions

Operation of the Project would result in GHG emissions predominantly associated with motor vehicle use. Long-term operational GHG emissions attributable to the Project are identified in Table 11 and compared to SCAQMD's numeric bright-line threshold of 3,000 metric tons of CO_2e annually.

Table 11. Operational-Related Greenhouse Gas Emissions

Emissions Source	CO_2e (Metric Tons/ Year)
Construction Emissions (amortized over the 30-year life of the Project)	10
Area Source Emissions	0
Energy Source Emissions	25
Mobile Source Emissions	1,166
Solid Waste Emissions	8
Water Emissions	20
Total Emissions	**1,229**
SCAQMD Screening Threshold	*3,000*
Exceed SCAQMD Threshold?	**No**

Source: CalEEMod version 2016.3.2. Refer to Appendix A for Model Data Outputs.

As shown in Table 11, operation of the Project would result in annual emissions of 1,229 metric tons of CO_2e per year, which does not exceed the significance threshold of 3,000 metric tons of CO_2e per year. As such, a less than significant impact would occur. No mitigation is required.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

The City of Baldwin Park does not currently have an applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions. However, Baldwin Park is a member city of the SCAG. SCAG's 2016–2040 RTP/SCS, adopted April 7, 2016, is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. The RTP/SCS embodies a collective vision for the region's future and is developed with input from local governments, county transportation commissions, tribal governments, nonprofit organizations, businesses, and local stakeholders in Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura counties. The RTP/SCS establishes GHG emissions goals for automobiles and light-duty trucks for 2020 and 2035 and establishes an overall GHG target for the region consistent with both the statewide GHG-reduction targets for 2020 and the post-2020 statewide GHG reduction goals. The 2016 RTP/SCS contains over 4,000 transportation projects, including highway improvements, railroad grade separations, bicycle lanes, new transit hubs, and replacement bridges. These future investments were included in county plans developed by the six-county transportation commissions and seek to reduce traffic bottlenecks, improve the efficiency of the region's network, and expand mobility choices. The RTP/SCS is an important planning document for the region, allowing project sponsors to qualify for federal funding. In addition, the RTP/SCS is supported by a

combination of transportation and land use strategies that help the region achieve state GHG emission reduction goals and federal CAA requirements, preserve open space areas, improve public health and roadway safety, support the vital goods movement industry, and use resources more efficiently. The Proposed Project's consistency with the RTP/SCS goals is analyzed in detail in Table 12.

Table 12. Consistency with SCAG's RTP/SCS Goals

SCAG Goals	Compliance with Goal
Goal 1: Align the plan investments and policies with improving regional economic development and competitiveness.	**Not Applicable**: This is not a project-specific policy and is therefore not applicable.
Goal 2: Maximize mobility and accessibility for all people and goods in the region.	**Consisten**t: Improvements to the transportation network in Baldwin Park are developed and maintained to meet the needs of local and regional transportation and to ensure efficient mobility. A number of regional and local plans and programs are used to guide development and maintenance of transportation networks, including but not limited to: • Caltrans Traffic Impact Studies Guidelines • Caltrans Highway Capacity Manual • SCAG RTP/SCS The Project is proposing light industrial and/or warehouse space in close proximity to I-10, which is a major regional freeway corridor and has been identified as a "Major International Trade Highway Route" in the California State Goods Movement Action Plan. The I-10 therfore serves to accommodate existing truck trips along the interstate. The Goods Movement Action Plan is a statewide initiative to improve and expand California's goods movement industry and infrastructure in a manner which will increase mobility and relieve traffic congestion as well as reduce GHG emissions. The Plan further identifies I-10 (located just south of the Project site) as a "Priority Corridor" for development towards more efficient goods movement and anticipates that the development of good movement-supporting facilities, such as industrial warehouses like that proposed by the Project, will improve the efficiency of overall goods movement throughout the state, and thus reduce truck-related GHG emissions.
Goal 3: Ensure travel safety and reliability for all people and goods in the region.	**Consistent**: All modes of transit in Baldwin Park are required to follow safety standards set by corresponding regulatory documents. Pedestrian walkways and bicycle routes must follow safety precautions and standards established by local (e.g., City of Baldwin Park, County of Los Angeles) and regional (e.g., SCAG, Caltrans) agencies. Roadways for motorists must follow safety standards established for the local and regional plans. The Project is proposing light industrial and/or warehouse space in close proximity to the I-10, which is a major regional freeway corridors. Industrial and warehouse uses positioned in close proximity to major freeway corridors are considered goods-movement-supporting facilities, and will improve the efficiency of overall goods movement throughout the state, and thus reduce truck-related GHG emissions.

SCAG Goals		Compliance with Goal
Goal 4:	Preserve and ensure a sustainable regional transportation system.	**Consistent**: All new roadway developments and improvements to the existing transportation network must be assessed with some level of traffic analysis (e.g., traffic assessments, traffic impact studies) to determine how the developments would impact existing traffic capacities and to determine the needs for improving future traffic capacities.
Goal 5:	Maximize the productivity of our transportation system.	**Consistent**: The local and regional transportation system would be improved and maintained to encourage efficiency and productivity. The City of Baldwin Park's Public Works Department oversees the improvement and maintenance of all aspects of the public right-of-way on an as-needed basis. The City also strives to maximize productivity of the region's public transportation system (e.g., bus, bicycle) for residents, visitors, and workers coming into and out of Baldwin Park.
Goal 6:	Protect the environment and health of our residents by improving air quality and encouraging active transportation (non-motorized transportation, such as bicycling and walking).	**Consistent**: The reduction of energy use, improvement of air quality, and promotion of more environmentally sustainable development are encouraged through the development of alternative transportation methods, green design techniques for buildings, and other energy-reducing techniques. For example, development projects are required to comply with the provisions of the California Building and Energy Efficiency Standards and the Green Building Standards Code (CALGreen). The City also strives to maximize the protection of the environment and improvement of air quality by encouraging and improving the use of the region's public transportation system (e.g., bus, bicycle) for residents, visitors, and workers coming into and out of Baldwin Park.
Goal 7:	Actively encourage and create incentives for energy efficiency, where possible.	**Not Applicable**: This is not a project-specific policy and is therefore not applicable
Goal 8:	Encourage land use and growth patterns that facilitate transit and non-motorized transportation.	**Consisten**t: See response to RTP/SCS Goal 6.
Goal 9:	Maximize the security of our transportation system through improved system monitoring, rapid recovery planning, and coordination with other security agencies.	**Consistent**: The City of Baldwin Park monitors existing and newly constructed roadways and transit routes to determine the adequacy and safety of these systems. Other local and regional agencies (e.g., Los Angeles County Transportation Department, Caltrans, SCAG) work with the City to manage these systems. Security situations involving roadways and evacuations would be addressed in the County of Los Angles emergency management protocols (e.g., Los Angeles County Operational Area Emergency Operations Plan) developed in accordance with the state and federal mandated emergency management regulations.

Implementing SCAG's RTP/SCS will greatly reduce the regional GHG emissions from transportation, helping to achieve statewide emission reduction targets. As shown, the Proposed Project would in no way conflict with the stated goals of the RTP/SCS; therefore, the Proposed Project would not interfere with SCAG's ability to achieve the region's year 2020 and post-2020 mobile source GHG reduction targets outlined in the 2016 RTP/SCS, and it can be assumed that regional mobile emissions will decrease in line with the goals of the RTP/SCS. Furthermore, the Proposed Project is not regionally significant per CEQA Guidelines Section 15206 and as such, it would not conflict with the SCAG RTP/SCS targets, since those targets were established and are applicable on a regional level. The Proposed Project would not conflict with an adopted plan, policy, or regulation pertaining to GHGs.

4.8.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.9 Hazards and Hazardous Materials

4.9.1 Environmental Setting

A Phase I Environmental Site Assessment (ESA) and Phase II Subsurface Soil and Soil Gas Investigation was performed on the subject site by ENCON Technologies, Inc. [ENCON] in April 2019. The Phase I and Phase II ESA is included in Appendix C. The purpose of the Phase I ESA is to identify all known and suspected recognized environmental conditions (REC) in connection with the property. A REC refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. Controlled recognized environmental conditions (CRECs) refer to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. Historical recognized environmental conditions (HREC) refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

The subject site is currently a vacant parcel and is visually overgrown with weeds and poor grading with indications of recent site demo work. Previous uses of the site include a private security firm from about 2010 through 2014, an engineering office in about 1980, and a lighting and interior design company in about 1975. According to ENCON, these recent and historical uses do not suggest the involvement, use and/or storage of hazardous materials at the site. Therefore, it is the professional opinion of ENCON that no on-site RECs exist on the property from prior onsite commercial uses. However, there are four (4) neighboring facilities listed with regulatory cleanup actions resulting from unauthorized releases of hazardous materials that may pose an environmental threat to the property. These sites include the adjacent automotive repair shop, underground fuel storage tanks, and a former gas station on the western neighboring property. Based on the Phase I findings, a Phase II Subsurface Soil and Soil Gas Investigation was recommended to confirm the presence, or absence, of chemical releases that may adversely affect the site (ENCON 2019).

4.9.2 Hazards and Hazardous Materials (IX) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐

Project Construction

The Project would involve the typical construction of a tilt-up building, including the use of various products that contain materials classified as hazardous (e.g., solvents, adhesives and cements, certain paints, cleaning agents, and degreasers). Heavy equipment (e.g., dozers, excavators, tractors) would be operated on the subject property during construction of the Project. This heavy equipment may be fueled and maintained by petroleum-based substances such as diesel fuel, gasoline, oil, and hydraulic fluid, which are considered hazardous if improperly stored or handled.

Improper use, storage, or transportation of hazardous materials can result in accidental releases or spills, potentially posing health risks to workers, the public, and the environment. This is a standard risk on all construction sites, and there would be no greater risk for improper handling, transportation, or spills associated with the proposed Project than would occur on any other similar construction site. Construction contractors would be required to comply with all applicable federal, state, and local laws and regulations regarding the transport, use, and storage of hazardous construction-related materials, including but not limited requirements imposed by the USEPA, DTSC, and RWQCB. The California Code of Regulations (CCR) Title 8 addresses workplace regulations involving the use, storage, and disposal of hazardous materials, and specific applications for construction workers. CCR Titles 22 and 26 set forth environmental health standards for hazardous materials management. California Health and Safety Code Chapter 6.95 sets forth enabling legislation for the application of CCR Titles 8, 22, and 26. Safety precautions for the prevention of fire hazards associated with the use and storage of hazardous materials are addressed in the Uniform Fire Code. Compliance with applicable federal, state, and local regulations including, but not limited to, CCR Titles 8, 22 and 26, the Uniform Fire Code, and California Health and Safety Code Chapter 6.95 would ensure that the Project would not create a significant hazard to the public or to the environment through the routine transport, use, or disposal of hazardous materials.

Project Operation

The Project site is located within the Industrial Commercial zone and is designated for industrial or commercial use. It is likely that the Project would use small amounts of commercial cleaning materials, paints and solvents for building maintenance, and pesticides/herbicides for Project landscaping could be considered hazardous materials. However, the specific businesses or tenants that would occupy the Project's proposed building are not known at this time. Based on the list of land uses permitted in the City's I-C zone, it is possible that hazardous materials could be used during daily operations. If businesses that use or store hazardous materials occupy the Project site, the business owners and operators would

be required to comply with all applicable federal, state, and local regulations to ensure proper use, storage, use, emission, and disposal of hazardous substances (as described above). With mandatory regulatory compliance, the Project is not expected to pose a significant hazard to the public or the environment through the routine transport, use, storage, emission, or disposal of hazardous materials, nor would the Project increase the potential for accident conditions which could result in the release of hazardous materials into the environment. With mandatory regulatory compliance, potential hazardous materials impacts associated with long-term operation of the Project would be less than significant.

Conclusion

The use, storage, and transportation of hazardous materials are subject to local, state, and federal regulations, the intent of which is to minimize the public's risk of exposure. Hazardous materials regulations, which are codified in CCR Titles 8, 22, and 26, and their enabling legislation set forth in California Health and Safety Code Chapter 6.95, were established at the state level to ensure compliance with federal regulations to reduce the risk to human health and the environment from the routine use of hazardous substances. Based on the uses that would be part of the Project and the existing regulatory structure related to these materials, the proposed Project would not cause a threat to public safety during project construction or operation.

Therefore, because the transport, use, storage, and disposal of hazardous materials pertaining to the Project would be relatively minor and subject to extensive regulatory oversight, this impact would be less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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?	☐	☐	☒	☐

A Phase I and Phase II ESA were performed for the proposed Project site by ENCON April 2019 (Appendix C). Results of the Phase I ESA include historic research on underground fuel tanks previously installed and removed onsite and the results of their corresponding soil studies and resolutions. Three (3) RECs were identified:

- **REC #01 – Migration of Waste Oil and Gasoline Constituents.** Based on the historical use of the adjacent site as a fueling station involving the use and storage of hazardous materials, there is potential for the waste oil and gasoline constituents to migrate onto the Subject Site from potential leakages and spills oat the adjacent property.
- **REC #02 – Miscellaneous Debris Disposal.** Due to the Subject Site being a vacant lot, there was evidence of poor housekeeping and miscellaneous trash disposal at the site. Due to availability of

access to the site for various and unmonitored disposal, additional investigation was warranted to confirm the presence or absence of any chemicals of concern.

- **REC #03 – Gasoline Vapor Encroachment Concern (VEC).** Based on the current automotive repair operations performed at the western adjacent property and historical use of this site as a fueling station involving the use and storage of hazardous materials, there is potential for vapor encroachment which may impact future development at the site.

Based on the findings of the Phase I ESA, a Phase II ESA subsurface gas and soil gas investigation was recommended to confirm the presence, or absence, of chemical releases that may have adversely affected the Subject Site or limit use of the property from the identified RECs. As part of the Phase II investigation, ENCON submitted six (6) soil samples for constituents of concern including total petroleum hydrocarbons in the waste oil (TPHo), and gasoline (TPHg) ranges using the EPA Method 8015M, fuel additives and byproducts (BTEX/Oxygenates) using EPA Method 8260B, metals using EPA Method 6020/7000, and volatile organic compounds (VOCs) using EPA Method 8620B. All the data obtained from soil samples collected were below detection limits for the constituents. In addition, all the regulated materials of concern soil data were within normal background ranges naturally occurring in soils throughout Southern California.

ENCON also submitted eight (8) soil gas samples analyzed for organic and chlorinated solvent VOCs using EPA Method 8260B. All soil gas sample data obtained from shallow soils were below detection limits for volatile organic compounds (VOCs) (ENCON 2019).

The soil and soil gas analytical results confirm that the subject site has not been adversely affected by the current waste debris discarded at the subject site, nor by the offsite automotive repair operations and former gas station operations at the western adjacent facility. Please refer to Appendix C for soil and soil gas laboratory analysis reports. Based on the analytical results, ENCON determined that the subject property is acceptable for commercial or industrial land use and no further investigations are warranted at this time (ENCON 2019).

As discussed above, construction and demolition activities associated with the proposed Project could release hazardous materials into the environment through reasonably foreseeable upset and accident conditions. For example, there is a possibility of accidental release of hazardous substances such as petroleum-based fuels or hydraulic fluid used for equipment. Contractors would be required to use standard controls and safety procedures that would avoid and minimize the potential for accidental release of such substances into the environment. Standard construction and demolition practices would be observed such that any materials released are appropriately contained and remediated as required by local, state, and federal law.

Hazardous materials related to Project operations would also be delivered to the site via area roadways, likely Garvey Avenue. Transportation of hazardous materials would comply with all regulations put forth by the DOT, Caltrans, U.S. EPA, DTSC, CHP, and California State Fire Marshall. Adherence to all applicable laws and regulations governing hazardous materials would ensure that potential impacts associated with deliveries of hazardous materials to/from the project site are less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒

The nearest education facility to the project site is De Anza Elementary School, located 0.35 miles from the site. There are no schools known to exist within one-quarter mile of the Project site. As part of the proposed Project, prior to construction, the Project would be required to prepare a hazardous substance management, handling, storage, disposal, and emergency response plan to be followed during construction activities. This plan would ensure adherence to the construction specifications and applicable regulations regarding hazardous materials and hazardous waste, including disposal, and would further ensure that construction of the proposed Project would not create a significant hazard to the public or the environment, including nearby schools. As such, no impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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?	☐	☐	☐	☒

Under Government Code Section 65962.5, both the DTSC and the SWRCB are required to maintain lists of sites known to have hazardous substances present in the environment. Both agencies maintain up-to-date lists on their websites. The Project site is not listed by the DTSC or SWRCB as a hazardous substances site on the list of hazardous waste sites compiled pursuant to Government Code Section 65962.5 (DTSC 2019; SWRCB 2019). As such, no impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	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?	☐	☐	☐	☒

The closest airport to the proposed Project site is San Gabriel Airport (formerly El Monte Airport), located approximately 2.8 miles northwest of the site. The project site is not located within the San Gabriel

Airport's safety zone area including the runway protection zone. No helistop/helipad is proposed, and no tall objects are proposed on the Project site that would cause a hazard to flight. For these reasons, no impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐

Implementation of the proposed Project would increase the potential need for emergency access to and from the site. The City's Police Department maintains an emergency plan called the Baldwin Park MultiHazard Functional Plan (Baldwin Park 2002a). The plan identifies potential threats to the community based on studies conducted by the Police Department in conjunction with other City departments. The plan sets forth the City's planner response to emergency situations including fire, earthquake, major civil disturbances, flooding, and more. The emergency response plan also designates evacuation routes and facilities for various types of hazards.

The Project design proposes emergency access to the site on Garvey Avenue. No offsite roadway improvements are proposed that would interfere with emergency access, response times, or impede circulation of emergency vehicles on surrounding roadways. During the course of the City of Baldwin Park's required review of the proposed Project's applications, the site plan would be reviewed to ensure that adequate access to and from the site and around the proposed buildings is provided for emergency vehicles. With adherence to the City of Baldwin Park requirements for emergency vehicle access, impacts would be less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☒	☐

The City of Baldwin Park does not contain any lands designated Very High Fire Hazard Severity Zones (VHFHSZ) (CAL FIRE 2011). The proposed Project is located within a heavily industrialized area and is not in the vicinity of any natural or wildlife areas. As such, implementation of the proposed Project is not likely to expose people or structures to a significant risk of loss, injury, or death involving wildland fires. Additionally, as discussed above, the Project would not impair emergency response plans if fire hazards were present. For these reasons, no impact would occur.

4.9.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.10 Hydrology and Water Quality

4.10.1 Environmental Setting

The National Flood Insurance Program rate maps (FIRM) classify all of Baldwin Park as an Area C with little chance of flooding. In the past, only minor flooding has occurred, drainage improvements in areas prone to minor flooding continue to be a priority for the City. Most major storm waters are easily handled by the San Gabriel River, the Big Dalton Wash, and the Walnut Creek Wash systems.

Regional Hydrology

The City of Baldwin Park is located within the San Gabriel River Watershed. Due to its relatively flat topography, runoff in the City typically forms as sheet flow that is then intercepted by stormwater conveyance systems. Major drainages in the area such as the San Gabriel River flow to the southwest and eventually drain to the Pacific Ocean.

Site Hydrology and On-Site Drainage

Drainage from the Project site flows to existing stormwater conveyance systems in Garvey Avenue and Frazier Street, southwest to the Walnut Creek wash, a lined flood control channel approximately 0.5-mile south of the Project site.

Groundwater in the vicinity of the site is designated as having a beneficial use. The nearest municipal groundwater production well is Well No. 2993W which is located approximately 0.5 miles west of the site along the bank of the San Gabriel River. Groundwater was not encountered during ENCON's investigation to a depth of approximately 20 feet below surface grade (ENCON 2019).

4.10.2 Hydrology and Water Quality (X) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐

Water discharge from project construction may consist of oil and grease, trash, heavy metals and pathogens as well as other pollutants. Regulation of discharges into water bodies is the responsibility of the State Water Resources Control Board. The Project will be required to comply with the City's local requirements to control storm water runoff to prevent violations of regional water quality standards, in accordance with its permit obligations under the citywide municipal storm water permit program, a component of the NPDES program of the federal Clean Water Act. The Project will be required to comply with Chapter 52 of the Municipal Code, which contains regulations to meet federal and State water quality requirements related to storm water runoff. General Plan Open Space and Conservation Policy 5.4 requires continued enforcement of municipal NPDES Permit to protect and improve the quality of local and

regional groundwater resources available to the City. Therefore, impacts would be less than significant with enforcement of these Permit requirements.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐

Construction of the Project would result in the installation of new impervious surfaces which could increase runoff on the vacant site and lead to a decrease in the amount of water recharged to the groundwater system within the confines of the 0.538-acre site. However, due to the small size of the Project, and the fact that the project design includes pervious, landscaped areas (see Figure 4. Conceptual Site Plan), the Project is not anticipated to substantially deplete groundwater supplies or impede sustainable groundwater management of the basin. Impacts would be less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner that would:				
i) result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☐	☒

The Project site is essentially flat; site preparation for development would not substantially change the topography of the site. The site does not contain any naturally occurring water features such as streams or rivers. Though less than one acre, under the NPDES General Construction permit, the Industrial Commercial project may be subject to SWPPP requirements prior to beginning of construction to prevent pollutants from entering surface waters. Integrated landscaping onsite within the front property line

setback would also allow for infiltration and would minimize the potential for runoff from the property (see Figure 4. Conceptual Site Plan). Additionally, onsite improvements for stormwater treatment may be identified in compliance with the City condition of approval requiring Low Impact Development (LID) design. Due to the minimal runoff anticipated for the Project site and the anticipated use of design elements to facilitate infiltration of water onsite, substantial amounts of polluted runoff would not occur. The Project is located within an area identified as having little chance of flooding. Moreover, the Project is not of a size or scale that would impede or redirect flood flows.

The Project would not result in substantial erosion or siltation on- or off-site and would have less than significant impacts related to the rate or amount of surface runoff, the capacity of storm water drainage systems, and the provision of additional sources of polluted runoff.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒

The National Flood Insurance Program rate maps (FIRM) classify all of Baldwin Park as an Area C with little chance of flooding. The site is located approximately 27 miles from the nearest coastline and the City of Baldwin Park is not included in the DOC Los Angeles County Tsunami Inundation Map. The Project site is not located in proximity to any large reservoirs or water bodies capable of producing a significant seiche. Therefore, no impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☐	☒

The nine RWQCBs throughout California each adopt and implement a Basin Plan designed to preserve water quality and protect all regional waters. In 2014, the LARWQCB created a Basin Plan for the protection of the beneficial uses of waters within the coastal watersheds of Los Angeles and Ventura counties. Specifically, the Basin Plan: (i) identifies beneficial uses for surface and ground waters, (ii) includes the narrative and numerical water quality objectives that must be attained or maintained to protect the designated beneficial uses and conform to the State's anti-degradation policy, and (iii) describes implementation programs and other actions that are necessary to achieve the water quality objectives established in the Basin Plan (LARWQCB 2014).

In accordance with these policies and objectives, the Project's connection to the existing storm drain system, implementation of a SWPPP, and compliance with City LID requirements would reduce the project's contributions to water quality and runoff impacts to levels that are less than significant. As such,

the proposed Project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

4.10.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.11 Land Use and Planning

4.11.1 Environmental Setting

Baldwin Park is located in the San Gabriel Valley, approximately 15 miles east of downtown Los Angeles. The San Gabriel Foothills and Los Angeles National Forest lie in the distance to the north, with the Los Angeles Basin to the east, south, and west (Figure 1. Regional Location). The City is traversed by I-10 to the south and the I-605 to the west. Baldwin Park is highly urbanized and built out, with a suburban character. Cities surrounding Baldwin Park are also fully developed and with similar character.

The proposed Project site is generally located in the southwestern portion of the City. The site consists of three (3) parcels located at 13057, 13061, 13065 Garvey Avenue (Figure 2. Project Location). The subject property is located in an Industrial Commercial zone and all three parcels are currently vacant. According to the City's General Plan, this type of zoning provides areas for the development of industrial parks, office complexes and light manufacturing businesses. The designation encourages a mutually beneficial mix of retail/service commercial businesses with light industrial activities and professional office uses (Baldwin Park 2020a).

Commercial land uses comprise approximately 226 acres, or about 5 percent of the City. A variety of commercial uses are scattered throughout the City, with the largest concentrations along major arterials such as Garvey Avenue, Ramona Boulevard, and Maine Street. Commercial uses represent approximately 2.5 million square feet of existing total development within the Planning Area. Almost all commercial businesses within the City consist of small, local-serving enterprises (Baldwin Park 2002b).

Manufacturing, industrial, and warehousing uses traditionally have been sited almost exclusively along the I-10 Freeway at the southern and northern edges of the City. Industrial uses comprise approximately 250 acres, or 6 percent of the planning area. Industrial uses comprise approximately 4.4 million square feet of development, approximately twice as much as the amount of square footage devoted to general commercial uses. Many of the industrial areas contain obsolete buildings and substandard streets (Baldwin Park 2002b).

Property located north of the Project site is occupied by multi-family and single-family residential uses. The I-10 is located directly south of Garvey Avenue, beyond which are single-family homes and commercial offices. Properties to the east of the site include a commercial office and a motel. Properties located west of the site are occupied by an auto repair shop and single-family homes (See Table 13).

Table 13. Surrounding Zoning and Land Use Designations

	Zoning District	Land Use Designation	Existing Land Use
Project Site	IC – Industrial Commercial	Commercial Industrial	Vacant
North	RG – Garden Multi-Family Residential	Garden Multi-Family Residential	Single-Family Homes, Multi-Family Apartments
East	IC – Industrial Commercial	Commercial Industrial	Commercial Office, Motel
South	RG – Garden Multi-Family Residential, C2 – General Commercial	Garden Multi-Family Residential, General Commercial	Commercial Offices, Multi-Family Apartments
West	IC – Industrial Commercial, R1 – Single Family Residential	Commercial Industrial, Single-Family Residential	Auto Repair Shop, Single-Family Homes

Source: City of Baldwin Park 2018a, 2018b

4.11.2 Land Use and Planning (XI) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Physically divide an established community?	☐	☐	☐	☒

The proposed Industrial Commercial project is consistent with site zoning and similarly zoned and situated properties in the vicinity along Garvey Avenue. While the site is situated along an alley way separating it from a residential neighborhood to the north, the project would not create a barrier within the established community. The presence of a new industrial commercial development would not physically hinder mobility within the community, nor disrupt the continuing operation of any surrounding land uses. For these reasons, no impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

The Project is located in the City of Baldwin Park and is subject to compliance with the City's adopted plans, policies and regulations. The subject property is located in an Industrial Commercial (I-C) Zone. According to the City's General Plan, this type of zoning provides areas for the development of industrial parks, office complexes and light manufacturing businesses. The proposed building is designed for single-tenant warehouse or manufacturing use, which is consistent with its zoning and land use designation.

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

4.11.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.12 Mineral Resources

4.12.1 Environmental Setting

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 (Baldwin Park 2002b).

4.12.2 Mineral Resources (XII) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☒	☐

Under existing conditions, the Project site is developed with commercial uses. No mines, wells, or other resource extraction activity occurs on the property or is known to have ever occurred on the property. The City's General Plan EIR identifies the Project site as being located within "Mineral Resource Zone 2 (MRZ-2)," which is defined as an area that likely contains mineral resources. 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" (Baldwin Park 2002b). 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.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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?	☐	☐	☒	☐

Refer to Response (a), above. The areas containing significant resources are largely developed. 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. No mining operations exist on or in the vicinity of the site and no mining operations are proposed as part of the Project. Impacts would be less than significant.

4.12.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.12 Noise

4.12.4 Environmental Setting

Noise Fundamentals

Noise is generally defined as sound that is loud, disagreeable, or unexpected. The selection of a proper noise descriptor for a specific source is dependent on the spatial and temporal distribution, duration, and fluctuation of the noise. The noise descriptors most often encountered when dealing with traffic, community, and environmental noise include the average hourly noise level (in L_{eq}) and the average daily noise levels/community noise equivalent level (in L_{dn}/CNEL). The L_{eq} is a measure of ambient noise, while the L_{dn} and CNEL are measures of community noise. Each is applicable to this analysis and defined as follows:

- **Equivalent Noise Level (L_{eq})** is the average acoustic energy content of noise for a stated period of time. Thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. For evaluating community impacts, this rating scale does not vary, regardless of whether the noise occurs during the day or the night.
- **Day-Night Average (L_{dn})** is a 24-hour average L_{eq} with a 10-dBA "weighting" added to noise during the hours of 10:00 pm to 7:00 am to account for noise sensitivity in the nighttime. The logarithmic effect of these additions is that a 60 dBA 24-hour L_{eq} would result in a measurement of 66.4 dBA L_{dn}.
- **Community Noise Equivalent Level (CNEL)** is a 24-hour average L_{eq} with a 5-dBA weighting during the hours of 7:00 pm to 10:00 pm and a 10-dBA weighting added to noise during the hours of 10:00 pm to 7:00 am to account for noise sensitivity in the evening and nighttime, respectively.

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. Sound spreads (propagates) uniformly outward in a spherical pattern, and the sound level decreases (attenuates) at a rate of approximately 6 dB for each doubling of distance from a stationary or point source. Sound from a line source, such as a highway, propagates outward in a cylindrical pattern, often referred to as cylindrical spreading. Sound levels attenuate at a rate of approximately 3 dB for each doubling of distance from a line source, such as a roadway, depending on ground surface characteristics (Federal Highway Administration [FHWA] 2011). No excess attenuation is assumed for hard surfaces like a parking lot or a body of water. Soft surfaces, such as soft dirt or grass, can absorb sound, so an excess ground-attenuation value of 1.5 dB per doubling of distance is normally assumed. For line sources, an overall attenuation rate of 3 dB per doubling of distance is assumed (FHWA 2011).

Noise levels may also be reduced by intervening structures; generally, a single row of detached buildings between the receptor and the noise source reduces the noise level by about 5 dBA (FHWA 2008), while a solid wall or berm generally reduces noise levels by 10 to 20 dBA (FHWA 2011). However, noise barriers or enclosures specifically designed to reduce site-specific construction noise can provide a sound

reduction 35 dBA or greater (Western Electro-Acoustic Laboratory, Inc. [WEAL] 2000). To achieve the most potent noise-reducing effect, a noise enclosure/barrier must physically fit in the available space, must completely break the "line of sight" between the noise source and the receptors, must be free of degrading holes or gaps, and must not be flanked by nearby reflective surfaces. Noise barriers must be sizable enough to cover the entire noise source and extend length-wise and vertically as far as feasibly possible to be most effective. The limiting factor for a noise barrier is not the component of noise transmitted through the material, but rather the amount of noise flanking around and over the barrier. In general, barriers contribute to decreasing noise levels only when the structure breaks the "line of sight" between the source and the receiver.

The manner in which older homes in California were constructed generally provides a reduction of exterior-to-interior noise levels of about 20 to 25 dBA with closed windows. The exterior-to-interior reduction of newer residential units is generally 30 dBA or more.

Sensitive Noise Receptors

Noise-sensitive land uses are generally considered to include those uses where noise exposure could result in health-related risks to individuals, as well as places where quiet is an essential element of their intended purpose. Residential dwellings are of primary concern because of the potential for increased and prolonged exposure of individuals to both interior and exterior noise levels. Additional land uses such as parks, historic sites, cemeteries, and recreation areas are considered sensitive to increases in exterior noise levels. Schools, churches, hotels, libraries, and other places where low interior noise levels are essential are also considered noise-sensitive land uses.

The Project site is positioned just north of the Interstate 10 freeway and just south of an existing residential neighborhood. The nearest noise-sensitive land use receptors are residences located approximately 20 feet north of the Project site boundary.

Existing Ambient Noise Environment

The Project site is impacted by typical urban noise sources experienced in an urban area, such as traffic and day-to-day urban-related activities. Due to the proximity of the Interstate 10 freeway, mobile sources are the dominant source of noise affecting the area. Accounting for the existing masonry sound wall positioned in between Interstate 10 and the Project site, the average daily noise level generated at the segment of the Interstate 10 freeway that traverses the Project site ranges around 65.3 dBA CNEL (community noise equivalent level)[1] at 250 feet from the centerline of the roadway, the distance between the Interstate 10 centerline and the center of the Project site. This was calculated using the Federal Highway Administration (FHWA) Highway Traffic Noise Prediction Model (FHWA-RD-77-108) and traffic volumes from Caltrans (Caltrans 2017). The FHWA-RD-77-108 model calculates the average noise level at

[1] CNEL is 24-hour average noise level with a 5 dBA "weighting" during the hours of 7:00 p.m. to 10:00 p.m. and a 10 dBA "weighting" added to noise during the hours of 10:00 p.m. to 7:00 a.m. to account for noise sensitivity in the evening and nighttime, respectively.

specific locations based on traffic volumes, average speeds, roadway geometry, and site environmental conditions. The average vehicle noise rates (energy rates) used in the FHWA model have been modified to reflect average vehicle noise rates identified for California by the California Department of Transportation (Caltrans). According to the FHWA, the existing sound wall provides up to 8 dBA of noise attenuation (FHWA 2008).

Vibration Fundamentals

Ground vibration can be measured several ways to quantify the amplitude of vibration produced. This can be through peak particle velocity or root mean square velocity. These velocity measurements measure maximum particle at one point or the average of the squared amplitude of the signal, respectively. Vibration impacts on people can be described as the level of annoyance and can vary depending on an individual's sensitivity. Generally, low-level vibrations may cause window rattling but do not pose any threats to the integrity of buildings or structures.

4.12.5 Noise (XIII) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐

Land Use Noise Compatibility

The Project site is designated by the Baldwin Park General Plan as "Commercial Industrial" (CI). The CI land use designation allows for commercial, light industrial, and office land uses. The proposed building is designed for single-tenant warehouse or manufacturing use, which is consistent with the CI land use designation. Baldwin Park uses the land use compatibility table presented in the Noise Element of the General Plan that provides the County with a tool to gauge the compatibility of new land users relative to existing noise levels. 85 dBA is considered a 'clearly incompatible' existing noise level for locating a commercial-industrial land use. 75 dBA is considered a 'conditionally acceptable' existing noise level for commercial-industrial land uses, instigating the need for noise reduction mechanisms such as fixed-closed windows and/or noise insulation features. As previously described, Interstate 10 is the predominate source of noise in the Project area and accounting for the existing masonry sound wall positioned in between Interstate 10 and the Project site, the average daily noise level generated at the segment of the Interstate 10 freeway that traverses the Project site ranges around 65.3 dBA CNEL at 250 feet from the centerline of the roadway, the distance between the Interstate 10 centerline and the center of the Project site. Thus, the Project site is considered an appropriate noise environment to locate the proposed land use.

Construction Noise Impacts

Construction noise associated with the Proposed Project would be temporary and would vary depending on the nature of the activities being performed. Noise generated would primarily be associated with the operation of off-road equipment for onsite construction activities as well as construction vehicle traffic on area roadways. Construction noise typically occurs intermittently and varies depending on the nature or phase of construction (e.g., building construction, paving). Noise generated by construction equipment, including dozers, material handlers, and concrete saws, can reach high levels. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full power operation followed by 3 to 4 minutes at lower power settings. Other primary sources of acoustical disturbance would be random incidents, which would last less than one minute (such as dropping large pieces of equipment or the hydraulic movement of machinery lifts). During construction, exterior noise levels could negatively affect sensitive receptors in the vicinity of the construction site.

Table 14 indicates the anticipated noise levels of construction equipment. The average noise levels presented in Table 14 are based on the quantity, type, and acoustical use factor for each type of equipment that is anticipated to be used.

Table 14. Maximum Noise Levels Generated by Construction Equipment

Type of Equipment	Maximum Noise (L_{max}) at 50 Feet (dBA)	Maximum 8-Hour Noise (L_{eq}) at 50 Feet (dBA)
Crane	80.6	72.6
Dozer	81.7	77.7
Excavator	80.7	76.7
Generator	80.6	77.6
Grader	85.0	81.0
Paver	77.2	74.2
Roller	80.0	73.0
Tractor	84.0	80.0
Dump Truck	76.5	72.5
Concrete Pump Truck	81.4	74.4
Welder	74.0	70.0

Source: Federal Highway Administration, Roadway Construction Noise Model (FHWA-HEP-05-054), dated January 2008.

As shown, Project construction noise could be expected to reach levels at and around 81.0 dBA L_{eq} at a distance of 50 feet. Nearby noise-sensitive land uses consist of residential living space (yards) located approximately 20 feet to the north at the nearest residential property line; thus, construction noise levels at these noise receptors could be expected to experience noise levels even greater than 81.0 dBA.

The City does not promulgate numeric thresholds pertaining to the noise associated with construction, yet instead limits the time that construction can take place. Specifically, the City of Baldwin Park Municipal Code Section 130.37, *Special Noise Sources*, exempts noise from construction provided that construction is limited between the hours of 7:00 a.m. to 7:00 p.m. It is typical to regulate construction noise in this manner since construction noise is temporary, short term, intermittent in nature, and would cease on completion of the Project. Furthermore, the City of Baldwin Park is a developing urban community and construction noise is generally accepted as a reality within the urban environment. Additionally, construction would occur through the Project site and would not be concentrated at one point. Therefore, noise generated during construction activities, as long as conducted within the permitted hours, would not exceed City noise standards. A less than significant impact would occur.

Operational Offsite Traffic Noise Impacts

Project operation would also result in additional traffic on adjacent roadways, thereby increasing vehicular noise in the Project area. Garvey Avenue would provide the main access to the Project site. According to the Traffic Impact Study prepared for the Project (KOA 2019), the segment of Garvey Avenue traversing the site, between Frazier Street and Fairgrove Street, experiences an average peak hour traffic volume of 192 trips under existing conditions. This peak hour traffic volume can be equated to an average daily traffic volume of 1,536 (192 peak hours trips x 8 = 1,536 daily traffic trips) under existing conditions, without the Project.

According to the Traffic Impact Study prepared for the Project (KOA 2019), the Project would contribute an average of 97 daily trips. According to Caltrans *Technical Noise Supplement to the Traffic Noise Analysis Protocol* (2013a), doubling of traffic on a roadway would result in an increase of 3 dB (outside of the laboratory, a 3-dBA change is considered a just-perceivable difference). The instigation of 97 daily trips would not result in a doubling of traffic. Thus, the contribution of Project traffic noise to existing traffic noise would not be perceptible. There is no impact.

Operational Onsite Noise Impacts

The City of Baldwin Park's Municipal Code (Chapter 153, *Noise*) regulates non-transportation noise sources (i.e., stationary sources). These standards are designed to protect people from objectionable non-transportation noise sources such as machinery, pumps, and HVAC units. Specifically, the City promulgates a standard of 55 dBA from 7:00 a.m. to 7:00 p.m., 50 dBA from 7:00 p.m. to 10:00 p.m., and 45 dBA from 10:00 p.m. to 7:00 a.m. for residential land uses, such as the ones located just north of the site.

The main onsite source of operational noise associated with the Project would be warehouse-related activity, such as delivery trucks idling and maneuvering the site. Onsite parking and loading access would be provided at two separate parking areas, one accessed from Garvey Avenue and the other accessed behind the property through the existing alleyway north of the site. Onsite Project operations have been calculated using the SoundPLAN 3D noise model, which predicts noise propagation from a noise source based on the location, noise level, and frequency spectra of the noise sources as well as the geometry and reflective properties of the local terrain, buildings and barriers. The results of this model can be found in

Appendix D. Table 15 shows the predicted Project noise levels at four locations in the Project vicinity, as predicted by SoundPLAN. Additionally, a noise contour graphic (Figure 6) has been prepared to depict the predicted noise levels in the Project vicinity from Project operations.

Table 15. Unmitigated Project Operational Noise Levels Onsite

Site Location	Location	Modeled Operational Noise Attributable to Project (L_{eq} dBA)	City Daytime Standards (dBA)[2]	Exceed Standard?
1	Residential backyard just north of the Project site	**62.2**	*55.0*	**Yes**
2	Residential backyard just north of the Project site	**62.9**	*55.0*	**Yes**
3	Residential backyard just north of the Project site	**61.6**	*55.0*	**Yes**
4	Commercial property just west of the Project site	**55.7**	*65.0*	**No**

Source: Stationary source noise levels were modeled by ECORP using SoundPLAN 3D noise model. Refer to Appendix D for noise modeling assumptions and results.

Notes: [1]Source noise measurements identify 72 dBA for delivery truck maneuvering per the San Jose Loading Dock Noise Study 2014, and 61.1 dBA for typical parking lot noise per measurements conducted by ECORP at an existing grocery store. These reference measurements informed the SoundPLAN model to predict Project noise propagation.

As shown, onsite operational noise would exceed the City's daytime noise standard of 55.0 dBA at the nearest residences located directly north of the site. The predicted noise level exceedance is a result of delivery trucks idling and maneuvering at the north parking lot. Thus, mitigation measure **NOI-1**, which would limit truck access to the south parking lot, is required. Mitigation measure **NOI-1** would reduce Project onsite noise to levels below City daytime noise standards, as shown in Table 16. Additionally, mitigation measure **NOI-1** limits the allowed times of delivery trucks in order to ensure City evening and nighttime standards (50 dBA and 45 dBA, respectively) are not exceeded.

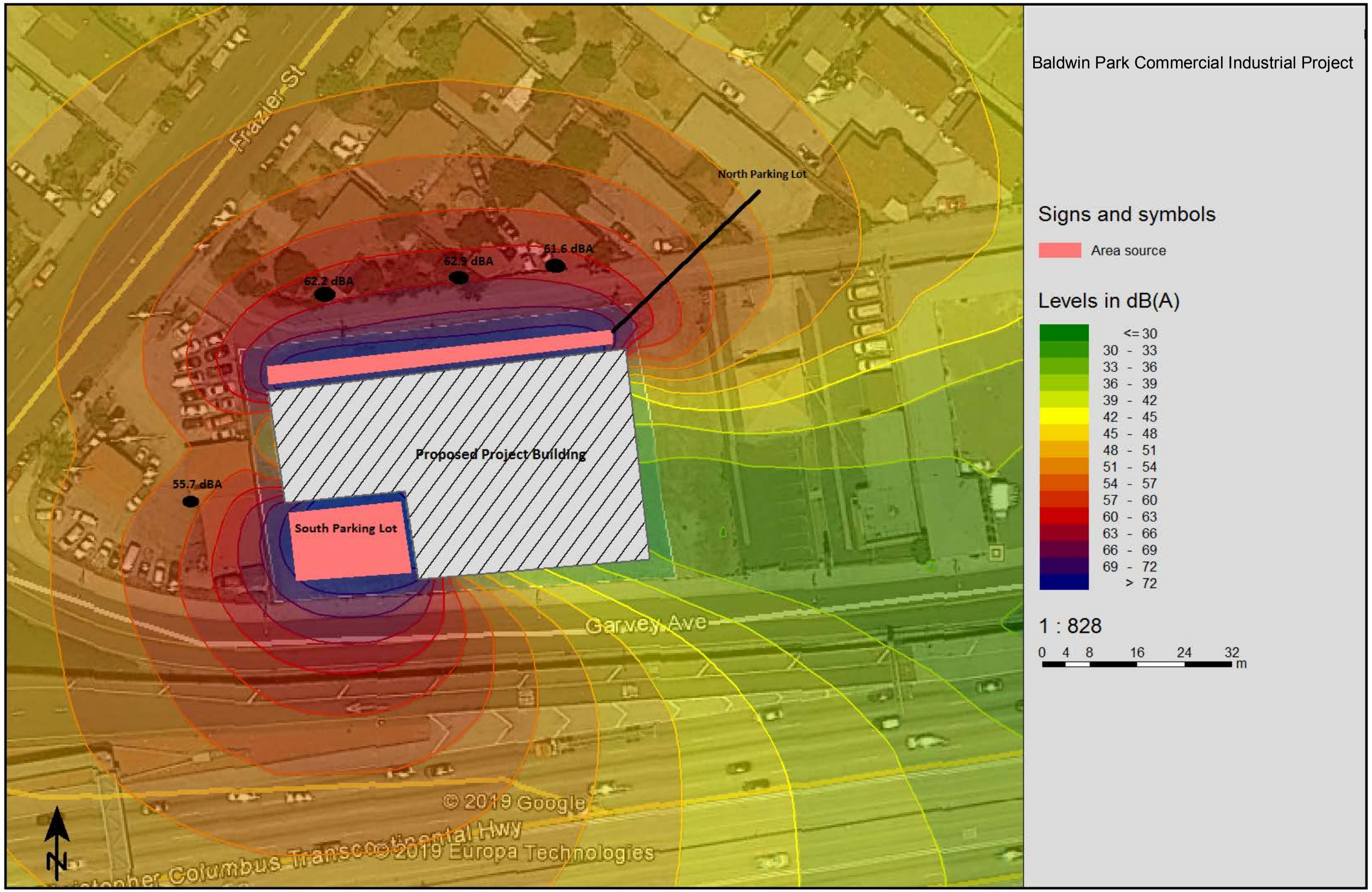
Table 16. Mitigated Project Operational Noise Levels Onsite

Site Location	Location	Modeled Operational Noise Attributable to Project (L_{eq} dBA)	City Daytime Standards (dBA)[2]	Exceed Standard?
1	Residential backyard just north of the Project site	**50.3**	*55.0*	**No**
2	Residential backyard just north of the Project site	**51.1**	*55.0*	**No**
3	Residential backyard just north of the Project site	**49.7**	*55.0*	**No**
4	Commercial property just west of the Project site	**55.4**	*65.0*	**No**

Source: Stationary source noise levels were modeled by ECORP using SoundPLAN 3D noise model. Refer to Appendix D for noise modeling assumptions and results.

Notes: [1]Source noise measurements identify 72 dBA for delivery truck maneuvering per the San Jose Loading Dock Noise Study 2014, and 61.1 dBA for typical parking lot noise per measurements conducted by ECORP at an existing grocery store. These reference measurements informed the SoundPLAN model to predict Project noise propagation.

With implementation of mitigation measure **NOI-1**, operational onsite noise impacts would be less than significant.

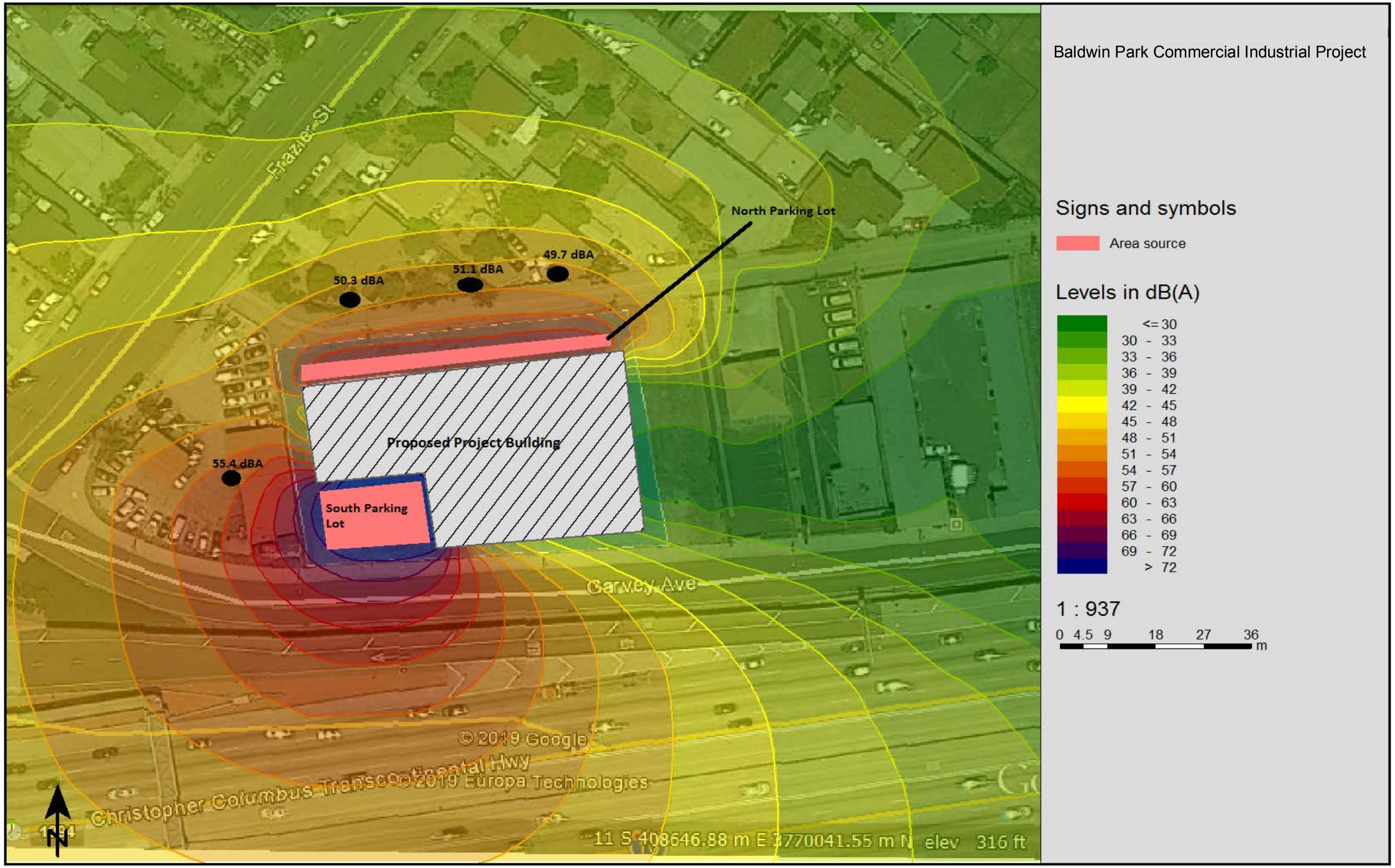


Map Date: *01/09/2020*
Photo (or Base) Source: *SoundPLAN 4.1, 2020*

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Figure 6. Unmitigated Onsite Noise Propagation

Baldwin Park Commercial Industrial Project (2019-230)



Map Date: *01/09/2020*
Photo (or Base) Source: *SoundPLAN 4.1, 2020*

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Figure 7. Mitigated Onsite Noise Propagation

Baldwin Park Commercial Industrial Project (2019-230)

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Result in generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☐	☒

Construction activities have the potential to result in varying degrees of temporary ground vibration and noise levels, depending on the specific construction equipment used and operations involved. The ground vibration levels associated with various types of construction equipment are summarized in Table 18. Ground vibration generated by construction equipment spreads through the ground and diminishes in magnitude with increases in distance. The effects of ground vibration may be imperceptible at the lowest levels, low rumbling sounds and detectable vibrations at moderate levels, and slight damage to nearby structures at the highest levels.

Table 17. Vibration Source Amplitudes for Construction Equipment

Equipment Type	Peak Particle Velocity at 25 Feet (inches per second)
Large Bulldozer	0.089
Caisson Drilling	0.089
Loaded Trucks	0.076
Rock Breaker	0.082
Jackhammer	0.035
Small Bulldozer/Tractor	0.003

Source: FTA 2018

The City does not regulate vibration associated with construction. However, a discussion of construction vibration is included for full disclosure purposes. For comparison purposes, the Caltrans's (2013b) recommended standard of 0.2 inches per second peak particle velocity with respect to the prevention of structural damage for normal buildings is used as a threshold. This is also the level at which vibrations may begin to annoy people in buildings.

It is acknowledged that construction activities would occur throughout the Project site and would not be concentrated at the point closest to the nearest structure. The nearest structures of concern to the construction site are residences located approximately 20 feet away from the northern property line of the site. Based on the vibration levels presented in Table 17, ground vibration generated by heavy-duty equipment would not be anticipated to exceed approximately 0.089 inches per second peak particle velocity at 25 feet. Thus, the structures located at 25 feet would not be negatively affected. Since predicted vibration levels at the nearest structures would not exceed recommended criteria, no impact would occur.

Project operations would not include the use of any stationary equipment that would result in excessive vibration levels. While the Project would accommodate delivery trucks, these vehicles can only generate

groundborne vibration velocity levels of 0.012 PPV at 50 feet under typical circumstances. Therefore, the Project would result in negligible groundborne vibration impacts during operations.

For this reason, no impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

The Project site is not located within an airport land use plan and is not within two miles of an airport. The San Gabriel Airport is the nearest airport to the Project site, located approximately 2.8 miles to the southwest). Implementation of the Proposed Project would not affect airport operations nor result in increased exposure of noise-sensitive receptors to aircraft noise. For this reason, no impact would occur.

4.12.6 Mitigation Measures

NOI-1: Prior to the certificate of occupancy issuance, the Project Applicant shall demonstrate to the satisfaction of the City of Baldwin Park Planning Department Manager that the following measures would be implemented during Project operations. These measures shall be enforced and maintained through means acceptable to the City of Baldwin Park Planning Department Manager.

- Legible, durable, weather-proof signs shall be placed at both Project access driveways indicating all heavy-duty truck deliveries must be accommodated at the south parking lot, accessed from Garvey Avenue.
- All heavy-duty truck deliveries shall be limited to the hours between 7:00 a.m. and 7:00 p.m. in order to comply with City of Baldwin Park noise standards.

4.13 Population and Housing

4.13.1 Environmental Setting

According to the City's General Plan Housing Element Update, the City's population was approximately 75,390 persons in 2010. SCAG estimates that the population is expected to reach 82,200 by 2035, representing a less than 10% increase over 25 years (Baldwin Park 2002a). According to the 2010 Census, the average household size in Baldwin Park was 4.36 people. This represents a two percent decrease over the 4.44 average size in 2000. Baldwin Park's average household size is much higher than that of Los Angeles County as a whole, which averaged 2.98 persons per household (Baldwin Park 2002a).

4.13.2 Population and Housing (XIV) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒

The proposed Project site is designated Commercial-Industrial in the City's General Plan. Accordingly, the Project would not result in growth that was not already anticipated by the City of Baldwin Park General Plan. The Project would employ approximately 8-10 people during construction and 8-10 people during operation (MG Development Group 2019). The Project site is served by existing public roadways and utility infrastructure is already installed beneath public rights of way that adjoin the property. For these reasons, development of the proposed Project would not result in direct or indirect growth in the area, and impacts would be less than significant. No further analysis of this subject is required.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Displace substantial numbers of people or existing housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

The proposed Project site is vacant and designated Commercial-Industrial according to the City's General Plan. The site does not contain any residential structures under existing conditions. Accordingly, the proposed Project would not substantially displace existing housing and would not require additional housing construction. No impact would occur and no further analysis of this subject is required.

4.13.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.14 Public Services

4.14.1 Environmental Setting

Incorporated in 1956, the City of Baldwin Park is located approximately 17 miles east of downtown Los Angeles and is bisected by the I-10 San Bernardino Freeway along the southern part of the City. The intersection of the I-10 and I-605 freeways lie near the southwest boundary of this 6.8 square mile City. Although Baldwin Park is predominantly a residential bedroom community, recent efforts have placed a greater emphasis on promoting the City's Downtown area, commercial and industrial land uses. The City is a full-service general law city that operates under the Council- Chief Executive Officer form of

government. The City provides a full range of municipal services including police and fire, street maintenance and repair, building and engineering, planning and parks and recreation activities. The City offers five parks, five community centers, a teen center and skatepark, an aquatic center and a county operated library.

Police Services

The City of Baldwin Park Police Department is committed to Community Policing and Problem Solving, which includes many traditional methods of policing. Many programs have been implemented to provide communication and accessibility between the Police Department and the community (Baldwin Park 2002a). Programs include foot and bike patrol, neighborhood watch and business programs, graffiti removal, and a volunteer program. The Police Headquarters are located at 14403 Pacific Avenue approximately 2.1 miles to the northeast of the project site.

Fire Services

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. Fire protection would be provided by Station No. 29, located at 14334 Los Angeles Street.

Schools

Baldwin Park Unified School District currently has 13 elementary schools, 4 middle/junior high schools, and 3 high schools located within the District boundaries. The District also offers an Adult Transition program and an Adult Community Education program. The nearest education facility to the project site is De Anza Elementary School, located 0.35 miles from the site.

Parks

Baldwin Park is an urban community with limited opportunity for the addition of new open space. The City's Park Master Plan designated over 530 acres of land as open space, including parks, joint-use school playgrounds, utility rights-of-way, and water channels. The City currently contains 27 acres of parkland in six public parks, which comprise slightly less than one percent of the Planning Area. To supplement the City's park inventory, the City maintains joint-use agreements with local public schools to allow school grounds to be used as public parkland during non-school hours. Additionally, residents have access to the Whittier Narrows and Santa Fe Dam Recreation Areas, located in close proximity to Baldwin Park. The closest public parks to the project site are Barnes Park, approximately 0.6 miles northwest of the project site, and Walnut Creek Park approximately 0.3 miles southwest of the site.

Baldwin Park has one community park, the 12-acre Morgan Park, located in the Central Business District within walking distance of the Civic Center and the public library. Major amenities include a 35,000 SF community center, 15,000 SF senior center, swimming pool, basketball courts, outdoor playground equipment, and an outdoor amphitheater for summer concerts and community celebrations (Baldwin Park 2002a).

Other Public Facilities

The City of Baldwin Park is served by the Baldwin Park Library. The Library is part of the Los Angeles County library system, located at 4181 Baldwin Park Boulevard. The 15,555 square foot library includes a meeting room, children's area, teen space, book drop for 24-hour accessible returns, and a reading room.

4.14.2 Public Services (XV) Environmental Checklist and Discussion

	Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a)	result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
	Fire Protection?	☐	☐	☒	☐
	Police Protection?	☐	☐	☒	☐
	Schools?	☐	☐	☐	☒
	Parks?	☐	☐	☐	☒
	Other Public Facilities?	☐	☐	☐	☒

The Project proposes to build and industrial commercial facility on a vacant lot. The Project is consistent with the site's Industrial-Commercial zoning requirements. Additionally, the proposed Project is consistent with the City's General Plan, which identifies public service levels sufficient to serve planned growth. Due to the infill nature of the Project, it is not anticipated that the project would result in the need for additional new or altered fire protection or police services and the Project would not alter acceptable service ratios or response times. The Project would employ approximately 8-10 people during construction and 8-10 people during operation. This development would not significantly increase the local population. The Project is, therefore, not expected to impact the City's existing schools, parks or recreational facilities.

In conclusion, it is anticipated the proposed Project would be adequately served by the City's public services during the construction and operational phases. The Project is not expected to generate significant need for additional fire and police protection, nor additional schools, parks, or other public facilities. A less than significant impact would occur.

4.14.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.15 Recreation

4.15.1 Environmental Setting

Baldwin Park is an urban community with limited opportunity for the addition of new open space. The City's Park Master Plan designated over 530 acres of land as open space, including parks, joint-use school playgrounds, utility rights-of-way, and water channels. The City currently contains 27 acres of parkland in six public parks, which comprise slightly less than one percent of the Planning Area. To supplement the City's park inventory, the City maintains joint-use agreements with local public schools to allow school grounds to be used as public parkland during non-school hours. Additionally, residents have access to the Whittier Narrows and Santa Fe Dam Recreation Areas, located in close proximity to Baldwin Park. The closest public parks to the project site are Barnes Park, approximately 0.6 miles northwest of the project site, and Walnut Creek Park approximately 0.3 miles southwest of the site.

Baldwin Park has one community park, the 12-acre Morgan Park, located in the Central Business District within walking distance of the Civic Center and the public library. Major amenities include a 35,000 SF community center, 15,000 SF senior center, swimming pool, basketball courts, outdoor playground equipment, and an outdoor amphitheater for summer concerts and community celebrations (Baldwin Park 2002a).

4.15.2 Recreation (XVI) Materials Checklist

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) 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?	☐	☐	☐	☒

The proposed Industrial Commercial Project would not result in any significant additional demand for, or use of park or other recreational facilities. The Project would not increase local or regional population that would result in any increase in demand for neighborhood or regional parks. No impact would occur.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	☐	☐	☐	☒

The proposed Project does not include recreational facilities and would not require construction or expansion of recreational facilities. As the site is highly disturbed, development of the proposed onsite facility within the existing setting is not anticipated to result in adverse recreational effects. No impact would occur.

4.15.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.16 Transportation

A focused traffic impact analysis was completed for the proposed Project by KOA Corporation (Appendix E). The focused traffic impact study evaluated two study intersections in the Project area that included:

1. Frazier Street/Garvey Avenue
2. Fairgrove Avenue/Garvey Avenue

These key locations were selected for evaluation based on coordination with the City of Baldwin Park in order to define the study area and other major details (Figure 8. Study Area Map). For analysis of level of service (LOS) at signalized intersections, the City of Baldwin Park has designated the Intersection Capacity Utilization (ICU) methodology as the desired tool. Given the two study intersections are stop controlled however, the level of service was determined using the Highway Capacity Manual (HCM) 6th edition methodology for All-Way and Partial Stop-Controlled intersections.

A facility with LOS A indicates excellent operating conditions with little delay to motorists, whereas LOS F represents congested conditions with excessive vehicle delay. The upper limit of LOS E is typically defined as the operating capacity of a roadway.

4.16.2 Environmental Setting

Existing Roadway System

The roadway system of streets serving the project site includes Garvey Avenue, Fairgrove Avenue, and Frazier Street. The following discussion provides a summary of these key area streets.

Garvey Avenue provides one travel lane in each direction. On-street parking is generally prohibited on both sides of the roadway. The speed limit is 45 miles per hour (prima facie).

Fairgrove Avenue is classified as a Residential Street in the General Plan. This roadway provides one travel lane in each direction. On-street parking is permitted on both sides of the roadway. The speed limit is 25 miles per hour (prima facie).

Frazier Street is classified as a Collector roadway south of Francisquito Avenue in the General Plan. This roadway provides one travel lane in each direction. On-street parking is generally permitted on both sides of the roadway. The posted speed limit is 35 miles per hour.

Existing Intersection Conditions

Traffic counts used in the analysis were taken from a previous study conducted earlier in October of the same year in the same study intersections. The counts were used to determine existing traffic conditions. Fieldwork within the study area was undertaken to identify the condition of key study area roadways including traffic control, approach lane configurations, and on-street parking restrictions at each study intersection. Vehicle turning movement counts were collected at the study intersections on Thursday September 19, 2019 from 7:00 a.m. to 9:00 a.m. and from 4:00 p.m. to 6:00 p.m.

Based on the intersection lane configurations and the existing traffic volumes, vehicle delay and corresponding LOS were determined for each of the study intersections during the weekday a.m. and p.m. peak hours. Table 18 summarizes the resulting vehicle delay and LOS values for existing traffic conditions.

Table 18. Intersection Performance – Existing Conditions

Study Intersections		AM Peak		PM Peak	
		Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS
1	Frazier Street and Garvey Avenue	12.60	B	11.48	B
2	Fairgrove Avenue and Garvey Avenue	10.15	B	9.79	A

**Unsignalized Intersection, partial (One-way stop control), Delay values are based on controlled side street approaches and not primary roadway approaches where traffic is uncontrolled.*
** VC = volume-to-capacity ratio; LOS = Level of Service; Delay = Delay from the worst (highest) intersection approach, in seconds*

As shown on Table 18, all of the study intersections are currently operating at LOS B or better during the AM and PM peak hours. Appendix E contains the existing traffic analysis scenario LOS worksheets.

Future Without-Project Conditions

In order to acknowledge regional population and employment growth outside of the study area, an ambient/background traffic growth rate was applied to the existing (year 2019) traffic counts. An annual growth rate of one percent was used for the future scenarios.

In addition to the application of the ambient traffic growth rate, traffic from related/area projects (approved and pending developments) was included as part of the year-2020 analysis. Sixteen related projects in the City of Baldwin Park were identified for inclusion in the traffic impact analysis. These projects are listed in Appendix E.

Future Without-Project Intersection Performance

This section documents future traffic conditions at the study intersections without the addition of Project-generated traffic. Table 19 summarizes the resulting vehicle delay and LOS values at the study intersections for the future without-Project conditions.

Table 19. Intersection Performance – Future Without-Project

Study Intersections		AM Peak		PM Peak	
		Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS
1	Frazier Street and Garvey Avenue	13.02	B	11.84	B
2	Fairgrove Avenue and Garvey Avenue	10.18	B	9.82	A

**Unsignalized Intersection, partial (One-way stop control), Delay values are based on controlled side street approaches and not primary roadway approaches where traffic is uncontrolled.*
**VC = volume-to-capacity ratio; LOS = Level of Service; Delay = Delay from the worst (highest) intersection approach, in seconds*

As shown in Table 19, all study intersections will operate at an acceptable level of service during the AM and PM peak hours for the future without-Project conditions. The future without-project traffic analysis worksheets are provided in Appendix E.

4.16.3 Regulatory Setting

General Plan

The following goals support the City of Baldwin Park Circulation Plan and the City's vision to allow Baldwin Park residents and visitors to the City to move about the community in the most efficient manner, and to access regional transportation routes. The goals and policies in this Element recognize the built-out character of Baldwin Park and reflects the constraints imposed by a long-established network and freeway system, as well as relatively fixed land use patterns. However, the City's chief aim is to work creatively with all modes of transportation and to provide for safe and efficient circulation for all City residents.

Goal 1.0: Provide a street and highway system in Baldwin Park that provides adequate capacity to ensure acceptable traffic flow.

Goal 2.0: Maintain easy, convenient access to and from Baldwin Park via the I-10 and I-605 Freeways.

Goal 3.0: Encourage the increased use of public transportation.

Goal 4.0: Accommodate alternative modes of transportation in land use and circulation planning.

Goal 5.0: Ensure adequate parking is provided to meet existing and future demand.

Goal 6.0: Protect residential neighborhoods from through traffic associated with nonresidential use.

Goal 7.0: Provide necessary infrastructure improvements in the Auction Village Area to enhance circulation and access.

Goal 8.0: Provide a circulation system in Downtown that supports a cohesive pedestrian district. Pursue development of a Specific Plan that clearly defines circulation improvements in the area.

City of Baldwin Park Traffic Impact Guidelines

Traffic impacts occur if a proposed development will result in significant changes in traffic conditions at a study location. A significant impact is typically identified if project-related traffic will cause LOS to deteriorate beyond a threshold limit specified by the reviewing agency. Impacts can also be significant if an intersection is already operating below the acceptable level of service and project traffic will cause a further decline in operations beyond the threshold.

The City of Baldwin Park does not have established impact standards for unsignalized intersections. For this study, causing or worsening of LOS E or F conditions due to the Project was considered to be significant.

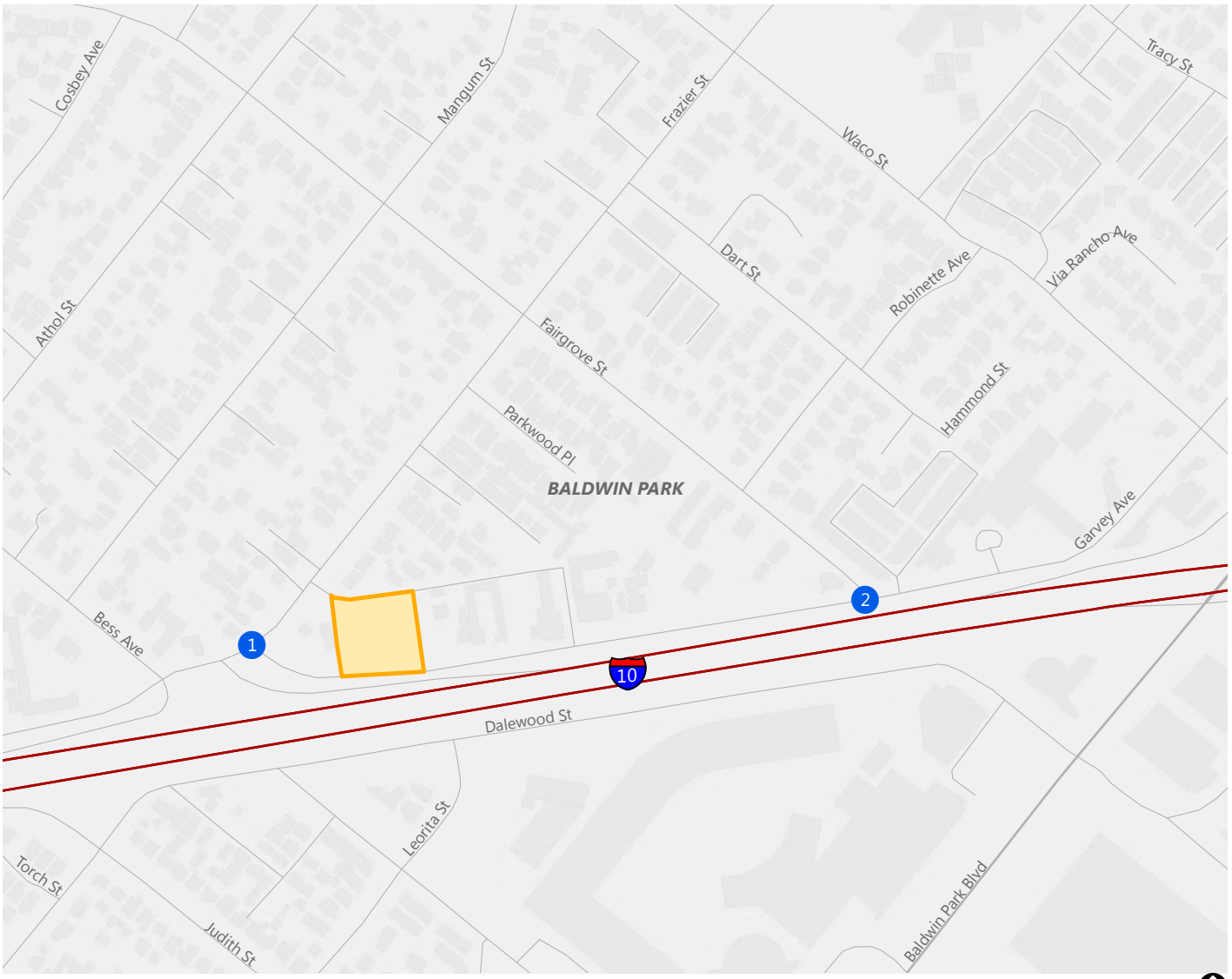


Figure 8. Study Area Map
2019-230 Baldwin Park Commercial Industrial Project

4.16.4 Transportation (XVII) Environmental Checklist and Discussion

Would the Project:		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a)	Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☒	☐

Construction Impacts

The proposed Project would generate short-term construction related vehicle trips. However, traffic generated by construction of the proposed Project would be temporary and would not conflict with the City of Baldwin Park's Circulation Element. Impacts would be less than significant.

Operational Impacts

Trip generation of the Project was derived from rates defined by *Trip Generation, 10th Edition,* published by the Institute of Transportation Engineers. The project mezzanine space was analyzed as office space, in order to be conservative, due to the higher trip rate associated with that use. As the project site is vacant, trip generation credits for existing uses were not included.

Table 20. Project Trip Generation

ITE Code	Land Use	Intensity	Units	Weekday						
				Daily	AM Peak Hour			PM Peak Hour		
				Rate	Rate	In	Out	Rate	In	Out
Trip Generation Rates										
110	General Light Industrial	-	KSF	4.96	0.70	88%	12%	0.63	13%	87%
710	General Office	-	KSF	9.74	1.16	86%	14%	1.15	16%	84%
Trip Generation Totals-New Use										
110	General Light Industrial	11.725	KSF	58	8	7	1	7	1	6
710	General Office	4	KSF	39	5	4	1	5	1	4
Total		**16**		**97**	**13**	**11**	**2**	**12**	**2**	**10**

According to Table 20, the Project would generate 97 daily trips, including 13 vehicle trips during the a.m. peak-hour (11 inbound trips and 2 outbound trips) and 12 vehicle trips during the p.m. peak hour (2 inbound trips and 10 outbound trips).

Trip distribution is the process of assigning the directions from which traffic will access the Project site. Trip distribution is dependent upon the land use characteristics of the Project, the local roadway network, and the general locations of other land uses to which Project trips would originate or terminate. Figure 9 illustrates the trip distribution percentages at the study intersections.

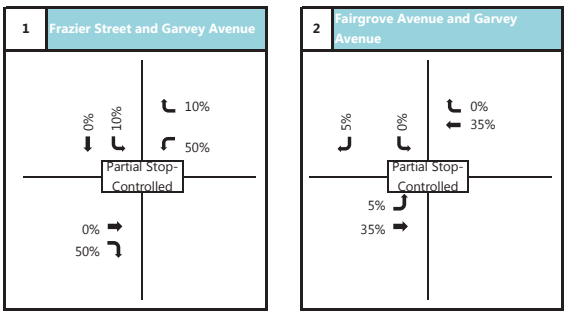


Figure 9. Project Trip Distribution
2019-230 Baldwin Park Commercial Industrial Project

Existing With-Project Conditions

Table 21 provides a summary of the Project impacts under existing conditions. Traffic impacts created by the proposed Project were determined by comparing the existing scenario conditions to the existing with-Project scenario conditions.

Table 21. Intersection Performance – Existing With-Project

Study Intersections		Peak Hour	Existing (2019) Conditions		Existing (2019) + Project		Change in Delay	Significant Impact?
			Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS		
1	Frazier Street and Garvey Avenue	AM	12.60	B	12.69	B	0.09	No
		PM	11.48	B	11.54	B	0.06	No
2	Fairgrove Avenue and Garvey Avenue	AM	10.15	B	10.18	B	0.03	No
		PM	9.79	A	9.84	A	0.05	No

**Unsignalized Intersection, partial (One-way stop control), Delay values are based on controlled side street approaches and not primary roadway approaches where traffic is uncontrolled.*

**VC = volume-to-capacity ratio; LOS = Level of Service; Delay = Delay from the worst (highest) intersection approach, in seconds*

The proposed Project would not create any significant traffic impacts at the study intersections under existing with-Project conditions, during either the weekday a.m. or p.m. peak hour. Project mitigation measures, therefore, are not recommended for existing conditions.

Future With-Project Conditions

Table 22 provides a summary of the Project impacts under future conditions. Traffic volumes for these conditions were derived by adding Project trips to future without-Project traffic volumes. Traffic impacts created by the Project were determined by comparing the future without-Project conditions to the future with-Project conditions. Table 22 summarizes the resulting vehicle delay and LOS values at the study intersections for the future with-Project conditions.

Table 22. Intersection Performance – Future With-Project

Study Intersections		Peak Hour	Existing (2019) Conditions		Future (2020) Conditions		Future (2020) + Project		Change in Delay	Significant Impact?
			Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS		
1	Frazier Street and Garvey Avenue	AM	12.60	B	13.02	B	13.12	B	0.10	No
		PM	11.48	B	11.84	B	11.90	B	0.06	No
2	Fairgrove Avenue and Garvey Avenue	AM	10.15	B	10.18	B	10.21	B	0.03	No
		PM	9.79	A	9.82	A	9.84	A	0.05	No

**Unsignalized Intersection, partial (One-way stop control), Delay values are based on controlled side street approaches and not primary roadway approaches where traffic is uncontrolled.*

**VC = volume-to-capacity ratio; LOS = Level of Service; Delay = Delay from the worst (highest) intersection approach, in seconds*

The proposed Project would not create any significant traffic impacts at the study intersections under future with-Project conditions, during either the weekday a.m. or p.m. peak hour. Project mitigation measures, therefore, are not recommended for future conditions.

Transit System

The vicinity of the proposed Project site is adequately served by bus transit lines operated by the Baldwin Park Shuttle and Foothill Transit. The Foothill Transit 488 Line runs from the El Monte bus station to Glendora Lakes via Ramona Boulevard, Francisquito Avenue, Glendora Avenue, Rowland Avenue, and Grand Avenue. The Baldwin Park Shuttle Teal Line runs from the Metrolink Station to Kaiser Hospital via Ramona Boulevard, Maine Avenue, Stewart Avenue, Baldwin Park Boulevard, and Frazier Street. No public transit routes run along Garvey Avenue. Impacts to the public transit system would be less than significant.

Bicycle and Pedestrian Facilities

The City of Baldwin Park continues to support alternative modes of transportation in land use and planning (Baldwin Park 2002a). According to the General Plan Circulation Element, no existing or planned bike lanes are proposed near the Project, therefore the City's Bikeway Plan would not be affected by the Project. The Project would not otherwise conflict with adopted policies, plans or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks) in the City of Baldwin Park.

In conclusion, conflicts with any program, plan, ordinance or policy addressing the circulation system would be less than significant.

Would the Project:		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b)	Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☐	☒

CEQA Guidelines section 15064.3, subdivision (b) details the use of vehicle miles traveled (VMT) to assess the significance of transportation impacts. As detailed in CEQA Guidelines section 15064.3, subdivision (c), a lead agency may elect to be governed by the provisions of this section immediately. Beginning on July 1, 2020, the provisions of this section shall apply statewide. As of the preparation of this document (January 2020), VMT analysis has not been adopted by the City of Baldwin Park, and therefore this question does not apply to the Proposed Project.

Would the Project:		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c)	Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☒	☐	☐

Sight distance conditions at the driveway intersection with Garvey Avenue, the primary project site access point to the local roadway system, was analyzed based on standards in the Caltrans Highway Design Manual. The Highway Design Manual, in Table 201.1 Sight Distance Standards, defines the sight distance

for roadways based on design speeds. Based on the 45 mph posted speed on Garvey Avenue, the design speed would be 50 mph. The stopping distance within the table related to the 50 mph speed is 430 feet (KOA 2019; Appendix E).

From the project driveway on Garvey Avenue, the 430-foot distance would not extend to any horizontal curves to the east of the driveway. To the west, the distance would reach the beginning of a slight curve and visibility would potentially be impaired. The issue would be particularly pronounced for left-turn movements from the driveway onto eastbound Garvey Avenue and the visibility of oncoming traffic. This would not affect access to and from the alleyway.

Therefore, mitigation measure **TRANS-1** would install right-out only regulatory signage at the Garvey Avenue driveway location, due to this sight distance issue. With implementation of this mitigation measure, impacts would be less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Result in inadequate emergency access?	☐	☐	☒	☐

Construction of the proposed Project would result in temporary construction truck traffic along Garvey Avenue and Frazier Street which has the potential to interfere with emergency response access to areas near the Project site. The City's Police Department maintains an emergency plan called the Baldwin Park MultiHazard Functional Plan (Baldwin Park 2002a). The plan identifies potential threats to the community based on studies conducted by the Police Department in conjunction with other City departments. The plan sets forth the City's planner response to emergency situations including fire, earthquake, major civil disturbances, flooding, and more. The emergency response plan also designates evacuation routes and facilities for various types of hazards.

The Project design proposes emergency access to the site on Garvey Avenue. No offsite roadway improvements are proposed that would interfere with emergency access, response times, or impede circulation of emergency vehicles on surrounding roadways. During the course of the City of Baldwin Park's required review of the proposed Project's applications, the site plan would be reviewed to ensure that adequate access to and from the site and around the proposed buildings is provided for emergency vehicles. With adherence to the City of Baldwin Park requirements for emergency vehicle access, impacts would be less than significant.

4.16.5 Mitigation Measures

TRANS-1: The Project will install right-out only regulatory signage at the driveway location on Garvey Avenue. The signage will be installed and operational prior to the issuance of a building permit and/or final certificate of use and occupancy.

4.17 Tribal Cultural Resources

4.17.1 Environmental Setting

Assembly Bill 52

Effective July 1, 2015, Assembly Bill 52 (AB 52) amended CEQA to require that: 1) a lead agency provide notice to those California Native American tribes that requested notice of projects proposed by the lead agency; and 2) for any tribe that responded to the notice within 30 days of receipt with a request for consultation, the lead agency must consult with the tribe. Topics that may be addressed during consultation include Tribal Cultural Resources (TCR), the potential significance of project impacts, type of environmental document that should be prepared, and possible mitigation measures and project alternatives.

Pursuant to AB 52, Section 21073 of the Public Resources Code defines California Native American tribes as "a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of the Statutes of 2004." This includes both federally and non-federally recognized tribes.

Section 21074(a) of the Public Resource Code defines TCRs for the purpose of CEQA as:

1. Sites, features, places, cultural landscapes (geographically defined in terms of the size and scope), sacred places, and objects with cultural value to a California Native American tribe that are either of the following:

    a. included or determined to be eligible for inclusion in the California Register of Historical Resources; and/or
    b. included in a local register of historical resources as defined in subdivision (k) of Section 5020.1; and/or
    c. a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Section 5024.1. In applying the criteria set forth in subdivision (c) of Section 5024.1 for the purposes of this paragraph, the lead agency shall consider the significance of the resource to a California Native American tribe.

Because criteria a and b also meet the definition of a historical resource under CEQA, a TCR may also require additional consideration as a historical resource. TCRs may or may not exhibit archaeological, cultural, or physical indicators.

Recognizing that California tribes are experts in their tribal cultural resources and heritage, AB 52 requires that CEQA lead agencies provide tribes that requested notification an opportunity to consult at the commencement of the CEQA process to identify TCRs. Furthermore, because a significant effect on a TCR is considered a significant impact on the environment under CEQA, consultation is used to develop appropriate avoidance, impact minimization, and mitigation measures.

Summary of AB 52 Consultation

On December 2, 2019, the City sent project notification letters to the following California Native American tribes, which had previously submitted general consultation request letters pursuant to 21080.3.1(d) of the Public Resources Code: Gabrielino Tongva Tribe, Soboba Band of Luiseno Indians, and Gabrieleno Band of Mission Indians-Kizh Nation. Each recipient was provided a brief description of the project and its location, the lead agency contact information, and a notification that the tribe has 30 days to request consultation.

As a result of the initial notification letters, the City received the following response:

- Gabrieleno Band of Mission Indians–Kizh Nation – Responded by letter on December 9, 2019 indicating the Proposed Project lies within their ancestral tribal territory and accepting the consultation invitation.

No response was received from the other contacted California Native American tribes.

The City sent an email to the Gabrieleno Band of Mission Indians-Kizh Nation on January 2, 2020 to initiate consultation and request a date and time to schedule a conference call. Ultimately, in lieu of direct consultation, the tribe sent an email to the City with a list of mitigation measures on January 6, 2020 and the City and tribe have agreed to specific mitigation measures for tribal cultural resources. Thus, the tribal consultation has been concluded.

4.17.2 Tribal Cultural Resources (XVIII) Environmental Checklist and Discussion

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

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American Tribe.				

AB 52 consultation with the Gabriel Band of Mission Indians—Kizh Nation has indicated the project site is located within the ancestral territory of the Gabrieleno. Thus, significant impacts may occur from the discovery of unknown TCRs during ground disturbing activities from Project construction. Impacts to unknown TCRs would be less than significant with the implementation of mitigation measure **TCR-1** and that includes an opportunity for tribal participation in monitoring of subsurface excavations.

For the reasons described above, impacts would be **less than significant with mitigation.**

4.17.3 Mitigation Measures

TCR-1:

- **Retain a Native American Monitor/Consultant:** The Project Applicant shall be required to retain and compensate for the services of a Tribal monitor/consultant who is both approved by the Gabrieleño Band of Mission Indians-Kizh Nation Tribal Government and is listed under the NAHC's Tribal Contact list for the area of the project location. This list is provided by the NAHC. The monitor/consultant will only be present on-site during the construction phases that involve ground disturbing activities. Ground disturbing activities are defined by the Gabrieleño Band of Mission Indians-Kizh Nation as activities that may include, but are not limited to, pavement removal, pot-holing or auguring, grubbing, tree removals, boring, grading, excavation, drilling, and trenching, within the project area. The Tribal Monitor/consultant will complete daily monitoring logs that will provide descriptions of the day's activities, including construction activities, locations, soil, and any cultural materials identified. The on-site monitoring shall end when the project site grading and excavation activities are completed, or when the Tribal Representatives and monitor/consultant have indicated that the site has a low potential for impacting Tribal Cultural Resources.
- **Unanticipated Discovery of Tribal Cultural and Archaeological Resources:** Upon discovery of any archaeological resources, cease construction activities in the immediate vicinity of the find until the find can be assessed. All archaeological resources unearthed by project construction activities shall be evaluated by the qualified archaeologist and tribal monitor/consultant approved by the Gabrieleño Band of Mission Indians-Kizh Nation. If the resources are Native American in origin, the Gabrieleño Band of Mission Indians-Kizh Nation shall coordinate with the landowner regarding treatment and curation of these resources. Typically, the Tribe will request reburial or preservation for educational purposes. Work may continue on other parts of the project while evaluation and, if necessary, mitigation takes

place (CEQA Guidelines Section15064.5 [f]). If a resource is determined by the qualified archaeologist to constitute a "historical resource" or "unique archaeological resource", time allotment and funding sufficient to allow for implementation of avoidance measures, or appropriate mitigation, must be available. The treatment plan established for the resources shall be in accordance with CEQA Guidelines Section 15064.5(f) for historical resources and

- **Public Resources Code Sections 21083.2(b) for unique archaeological resources.** Preservation in place (i.e., avoidance) is the preferred manner of treatment. If preservation in place is not feasible, treatment may include implementation of archaeological data recovery excavations to remove the resource along with subsequent laboratory processing and analysis. Any historic archaeological material that is not Native American in origin shall be curated at a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County or the Fowler Museum, if such an institution agrees to accept the material. If no institution accepts the archaeological material, they shall be offered to a local school or historical society in the area for educational purposes.
- **Unanticipated Discovery of Human Remains and Associated Funerary Objects:** Native American human remains are defined in PRC 5097.98 (d)(1) as an inhumation or cremation, and in any state of decomposition or skeletal completeness. Funerary objects, called associated grave goods in PRC 5097.98, are also to be treated according to this statute. Health and Safety Code 7050.5 dictates that any discoveries of human skeletal material shall be immediately reported to the County Coroner and excavation halted until the coroner has determined the nature of the remains. If the coroner recognizes the human remains to be those of a Native American or has reason to believe that they are those of a Native American, he or she shall contact, by telephone within 24 hours, the Native American Heritage Commission (NAHC) and PRC 5097.98 shall be followed.
- The City shall implement the agreed upon Kizh-Gabrieleno procedures for burials and funerary remains, and treatment measures, pursuant to the City's acceptance of tribal government recommended mitigation measures.

4.18 Utilities and Service Systems

4.18.1 Environmental Setting

Water Service

Potable water in Baldwin Park is provided by three water companies: Valley County Water District (VCWD), San Gabriel Valley Water Company (SGVWC), and Valley View Mutual Water Company (VVMWD). The proposed Project site is served by the SGVWC, which is a retail water supplier that serves all or portions of the Cities of Arcadia, Baldwin Park, El Monte, Industry, Irwindale, La Puente, Montebello, Monterey Park, Pico Rivera, Rosemead, San Gabriel, Santa Fe Springs, South El Monte, West Covina, Whittier, and unincorporated areas of Los Angeles County. SGVWC currently derives its groundwater supplies from two groundwater basins, the Main San Gabriel Basin (Main Basin) and the Central Basin, with the Main Basin as the primary groundwater source. Water supply sources also include recycled water and a connection with

the Metropolitan Water District of Southern California (MWD) for delivery of treated imported water (SGVWC 2016).

Wastewater

The Los Angeles County Sanitation Districts (Districts) would be responsible for the treatment of wastewater generated by the project. The proposed Project is located within the jurisdictional boundaries of District 15, which is one of the seventeen districts that form the Join Outfall System. The Joint Outfall System is a regional, integrated sewerage system covers approximately 660 square miles, from the foothills of the San Gabriel Mountains in the north to San Pedro Bay in the south, and from the Los Angeles city limits on the west to the Los Angeles County border on the east. This system provides sewage treatment, reuse and disposal for residential, commercial, and industrial users. The system includes the main Joint Water Pollution Control Plant (JWPCP) in Carson, and six satellite water reclamation plants (WRPs). The six WRPs include La Cañada WRP, Long Beach WRP, Los Coyotes WRP, Pomona WRP, San Jose Creek WRP, and Whittier Narrows WRP.

There are two main sewer lines serving the area around the site, operated and maintained by LACSD: one 12-inch sewer main line in Garvey Avenue and one 12-inch sewer mainline in the alley behind the site. Wastewater generated by the City is treated at the SJCWRP or at the JWPCP if wastewater flows exceed SJCWRP capacity, which is 100 million gallons 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.

Solid Waste

Baldwin Park contracts for solid waste collection services with Waste Management of San Gabriel Valley/Pomona to provide mixed waste collection services and other available programs to its residents and business community. 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 143,977,170 cubic yards and a daily permitted capacity of 16,054 tons/day. The El Sobrante landfill is currently slated for closure in January 2051 (CalRecycle 2019).

Electricity

Southern California Edison provides electricity to over 15 million people in 50,000 square miles of service area, encompassing 15 counties in central, coastal, and southern California. SCE currently provides electricity to the citizens, businesses, and industries within the City of Baldwin Park. SCE would extend electric service to the Project in accordance with rules and policies for extension of service on file with the California Public Utilities Commission.

Natural Gas

The Southern California Gas Company provides natural gas services to the area and would extend service to the Project site at the time contractual arrangements are made in accordance with SoCalGas policies and extension rules on file with the California Public Utilities Commission.

4.18.2 Utilities and Service Systems (XIX) Environmental Checklist and Discussion

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐

The proposed Project would install connections to existing utility lines, including gas, water, and sewer. Small encroachments into adjacent public rights of way of developed/paved streets to connect to existing utilities will be required to serve the Project. Trenching for new onsite utility lines would be required. Physical disturbance for the installation of these new utility lines would be limited and largely indistinguishable from overall grading for development on the proposed Project site.

Electric Power

As shown in *Section 4.6 Energy*, the increase in electricity usage as a result of the Project would constitute an approximate 0.0002 percent increase in the typical annual electricity consumption attributable to non-residential uses in Los Angeles County. Project increases in natural gas usage across Los Angeles County would also be negligible. The Project would adhere to all federal, state, and local requirements for energy efficiency, including the Title 24 standards. The Project would be required to comply with Title 24 building energy efficiency standards, which establish minimum efficiency standards related to various building features, including appliances, water and space heating and cooling equipment, building insulation and roofing, and lighting. Implementation of the Title 24 standards significantly reduces energy usage.

Natural Gas

As discussed in *Section 4.6 Energy*, the Project would consume approximately 251 therms of natural gas annually. This represents a negligible increase in natural gas consumption.

Water

The Project would not result in additional demand on water supplies as future development has been previously accounted for and analyzed in the General Plan EIR and SGVWC planning documents. Because the Project is consistent with SGVWC's water supply projections that indicate there are sufficient water supplies to serve the project and region, and because 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, Project impacts would not result in the need for new or expanded water supplies.

Wastewater

Wastewater would be treated at the San Jose Creek WRP located adjacent to the City of Industry, which has a capacity of 100 mgd and currently processes an average of 58.5 mgd. All biosolids and wastewater flows that exceed the capacity of the San Jose Creek WRP would be diverted and treated at the Joint Water Pollution Control Plant located in the City of Carson. The development of the proposed industrial commercial facility is not anticipated to cause significant wastewater treatment capacity issues because of its relatively small size.

Storm Drainage

The amount of impervious surface area onsite would increase with development of the proposed industrial commercial 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.

Overall, impacts related to relocation or construction of new or expanded utilities would be less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☒	☐

The proposed Project site is served by the SGVWC, which procures its water supplies primarily from the Main Basin and imported water. San Gabriel's groundwater production from 2011 to 2015 has averaged approximately 35,340 AFY from the Main Basin and approximately 540 AFY from the Central Basin (SGVWC 2016). According to SGVWC's 2015 Urban Water Management Plan, the minimum water supplies available at the end of an average water year, a single dry year, and multiple dry years would be equal to water demand.

The Project would not result in significant additional demand on water supplies as future development has been previously accounted for and analyzed in the General Plan EIR and will not result in the need for new or expanded water supplies. The Project would also comply with the Water Shortage Contingency Plan outlined in the UWMP, if implemented. For example, limits may be applied to the number of days, frequency and duration of outdoor watering.

Because the Project is consistent with SGVWC's water supply projections that indicate there are sufficient water supplies to serve the project and region, and because 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, Project impacts are considered less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐

There are two main sewer lines serving the area around the site, operated and maintained by LACSD: one 12-inch sewer main line in Garvey Avenue and one 12-inch sewer mainline in the alley behind the site. Wastewater generated by the Project would be 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. 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. As discussed in threshold (a) above, the development of the proposed industrial commercial facility is not anticipated to cause significant wastewater treatment capacity issues because of its relatively small size. Additionally, the Project would be subject to the payment of connection fees for public sewer services that are used to fund improvements needed to continue serving the applicable service area, ensure adequate capacity, and comply with SWRCB treatment requirements. Impacts would be less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐

The City's Source Reduction and Recycling Element outlines and formalizes the City's integrated waste management procedures. These programs and policies plans identify how the City will meet the requirements of the California Integrated Waste Management Act (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 generation of Project-related construction-related waste is considered to be minimal and temporary, and would cease upon completion of the proposed Project. Waste would be transported to the El Sobrante Landfill, which has a remaining capacity of approximately 143,977,170 cubic yards and a daily permitted capacity of 16,054 tons/day. The El Sobrante landfill is currently slated for closure in January 2051 (CalRecycle 2019). Although a precise quantity of construction and demolition debris cannot be specifically determined at this time, mandatory compliance with all applicable state and local regulations governing solid waste, source reduction, and recycling would reduce the amount of construction waste

entering landfills. Therefore, conformance with the various state and local source reduction and recycling programs would ensure that the project would not contribute excessive amounts of solid waste to landfills. For these reasons, impacts would be less than significant.

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

The proposed Project would be required to comply with all Resource Conservation and Recovery Act (RCRA) Regulations, including Title 40 of the Code of Federal Regulations (CFR), as well as City of Baldwin Park waste reduction programs. In accordance with Assembly Bill 341, the Project would be required to work with Waste Management to implement a commercial recycling program during the operational phase.

As discussed above, the Project would comply with the various state and local source reduction and recycling programs. The implementation of these programs and policies would reduce the amount of solid waste generated be the proposed Project and diverted to landfills. Impacts would be less than significant.

4.18.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.19 Wildfire

4.19.1 Environmental Setting

Government Code 51175-89 directs the California Department of Forestry and Fire Protection (CALFIRE) to identify areas of very high fire hazard severity zones within Local Responsibility Areas (LRA). Mapping of the areas, referred to as Very High Fire Hazard Severity Zones (VHFHSZ), is based on data and models of potential fuels over a 30 to 50-year time horizon and their associated expected fire behavior, and expected burn probabilities to quantify the likelihood and nature of vegetation fire exposure to buildings.

No part of Baldwin Park is located within a Very High Fire Hazard Severity Zone. The proposed Project is located within a heavily industrialized area and is not in the immediate vicinity of any natural or wildlife areas.

4.19.2 Wildfire (XX) Environmental Checklist and Discussion

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

The project site is located on land designated as non-VHFHSZ as recommended by CALFIRE (CALFIRE 2011). The Project proposes to construct a new industrial commercial facility on an existing vacant lot. The Project is not anticipated to impair an adopted emergency response plan or emergency evacuation plan. Primary access to the proposed Project is planned at an entryway on Garvey Avenue, thereby facilitating emergency response and evacuation, if necessary. No impact would occur.

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒

As described above, the Project is not located in or near state responsibility areas or land classified as VHFHSZ. The Project would not substantially alter slope, prevailing wind patterns, or other factors and therefore would not expose project occupants to pollutant concentrations from wildfire. No impact would occur.

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☒

The proposed Project is located within a heavily industrialized area and would require utility connections to serve the proposed industrial use. However, the Project is not located in or near local responsibility areas or land classified as VHFHSZ. Therefore, the Project would not exacerbate fire risk resulting in temporary or ongoing impacts to the environment. No impact would occur.

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

As described above, the proposed Project is not located in or near state responsibility areas or land classified as VHFHSZ. Additionally, the project site is located on relatively flat terrain and would not be subject to landslide. No wildfire impact associated with downslope or downstream flooding or landslides would occur.

4.19.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

4.20 Mandatory Findings of Significance

4.20.1 Mandatory Findings of Significance (XXI) Environmental Checklist and Discussion

Does the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐

Impacts to biological resources, cultural resources, geology and soils (paleontological resources), and tribal cultural resources are discussed in the respective sections of this Initial Study. Impacts would be less than significant with Mitigation Measures GEO-1 and TCR-1.

Does the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
b) 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)?	☐	☐	☒	☐

Impacts from the Proposed Project on transportation, air quality, greenhouse gas emissions and noise are discussed in corresponding sections of this Initial Study. Impacts would not be cumulatively considerable.

Does the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
c) Have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

Direct and indirect impacts to human beings would be less than significant with the implementation of mitigation measures listed in this Initial Study.

SECTION 5.0 LIST OF PREPARERS

5.1 City of Baldwin Park

Lead Agency

Ron Garcia, City Planner

5.2 ECORP Consulting, Inc.

CEQA Documentation/Air Quality/Cultural Resources/Energy/Greenhouse Gas/Noise

Tom Holm, Project Manager

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Seth Myers, Senior Air Quality/GHG/Noise Analyst

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5.3 KOA Corporation

Transportation Analysis

Brian Marchetti, Vice President/Senior Planner

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SECTION 7.0 LIST OF APPENDICES

Appendix A – Air Quality/Greenhouses Gases/Energy

Appendix B – Cultural Resources and Tribal Cultural Resources

Appendix C – Phase I and Phase II Environmental Site Assessment

Appendix D – Noise Impact Assessment

Appendix E – Traffic Impact Assessment

APPENDIX A

Appendix A – Air Quality/Greenhouses Gases/Energy

Baldwin Park Commercial - Industrial Project

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1.20	1000sqft	0.00	1,200.00	0
Unrefrigerated Warehouse-No Rail	14.53	1000sqft	0.33	14,525.00	0
Parking Lot	21.00	Space	0.18	7,768.00	0
Other Non-Asphalt Surfaces	1.21	1000sqft	0.03	1,208.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Baldwin Park Commercial - Industrial Project - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use - Project site = 0.538 acre

Construction Phase - Construction expected to span 11 months. Specific Phase duration based on the same proportion to each other as identified with CalEEMod defaults, with the exception that building construction, paving, and painting are assumed to occur simultaneously.

Grading -

Vehicle Trips - Trip generation per KOA.

Fleet Mix - Assumed all warehouse traffic are heavy duty trucks [LHD1, LHD2, MHD, HHD]

Construction Off-road Equipment Mitigation - SCAQMD Rule 403

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	207.00
tblConstructionPhase	NumDays	100.00	207.00
tblConstructionPhase	NumDays	2.00	22.00
tblConstructionPhase	NumDays	5.00	207.00
tblConstructionPhase	NumDays	1.00	11.00
tblConstructionPhase	PhaseEndDate	6/24/2020	4/30/2021
tblConstructionPhase	PhaseEndDate	6/10/2020	4/30/2021
tblConstructionPhase	PhaseEndDate	1/22/2020	7/15/2020
tblConstructionPhase	PhaseEndDate	6/17/2020	4/30/2021
tblConstructionPhase	PhaseEndDate	1/20/2020	6/15/2020
tblConstructionPhase	PhaseStartDate	6/18/2020	7/16/2020
tblConstructionPhase	PhaseStartDate	1/23/2020	7/16/2020
tblConstructionPhase	PhaseStartDate	1/21/2020	6/16/2020
tblConstructionPhase	PhaseStartDate	6/11/2020	7/16/2020
tblConstructionPhase	PhaseStartDate	1/18/2020	6/1/2020
tblFleetMix	HHD	0.03	0.25

tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.05	0.00
tblFleetMix	LDT2	0.20	0.00
tblFleetMix	LHD1	0.02	0.25
tblFleetMix	LHD2	6.1430e-003	0.25
tblFleetMix	MCY	5.0780e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.9100e-004	0.00
tblFleetMix	MHD	0.02	0.25
tblFleetMix	OBUS	2.4790e-003	0.00
tblFleetMix	SBUS	6.8200e-004	0.00
tblFleetMix	UBUS	2.2700e-003	0.00
tblLandUse	LandUseSquareFeet	8,400.00	7,768.00
tblLandUse	LotAcreage	0.03	0.00
tblLandUse	LotAcreage	0.33	0.33
tblLandUse	LotAcreage	0.19	0.18
tblVehicleTrips	CC_TL	8.40	50.20
tblVehicleTrips	CNW_TL	6.90	50.20
tblVehicleTrips	CW_TL	16.60	50.20
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	2.46	32.50
tblVehicleTrips	ST_TR	1.68	3.99

tblVehicleTrips	SU_TR	1.05	32.50
tblVehicleTrips	SU_TR	1.68	3.99
tblVehicleTrips	WD_TR	11.03	32.50
tblVehicleTrips	WD_TR	1.68	3.99

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					
2020	2.7463	18.2864	17.7567	0.0302	0.8645	1.0332	1.3941	0.4434	0.9629	1.0592	0.0000	2,883.4625	2,883.4625	0.6980	0.0000	2,900.9122
2021	2.5746	16.7063	17.4809	0.0301	0.3610	0.8985	1.2595	0.0963	0.8377	0.9340	0.0000	2,871.5896	2,871.5896	0.6942	0.0000	2,888.9453
Maximum	**2.7463**	**18.2864**	**17.7567**	**0.0302**	**0.8645**	**1.0332**	**1.3941**	**0.4434**	**0.9629**	**1.0592**	**0.0000**	**2,883.4625**	**2,883.4625**	**0.6980**	**0.0000**	**2,900.9122**

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					
2020	2.7463	18.2864	17.7567	0.0302	0.3665	1.0332	1.2702	0.1815	0.9629	1.0288	0.0000	2,883.4625	2,883.4625	0.6980	0.0000	2,900.9122
2021	2.5746	16.7063	17.4809	0.0301	0.2370	0.8985	1.1356	0.0659	0.8377	0.9035	0.0000	2,871.5896	2,871.5896	0.6942	0.0000	2,888.9453
Maximum	**2.7463**	**18.2864**	**17.7567**	**0.0302**	**0.3665**	**1.0332**	**1.2702**	**0.1815**	**0.9629**	**1.0288**	**0.0000**	**2,883.4625**	**2,883.4625**	**0.6980**	**0.0000**	**2,900.9122**

	ROG	NOx	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**	**50.75**	**0.00**	**9.34**	**54.17**	**0.00**	**3.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3555	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003
Energy	7.4000e-004	6.7500e-003	5.6700e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.0995	8.0995	1.6000e-004	1.5000e-004	8.1477
Mobile	0.6630	13.0582	6.4319	0.0675	2.9310	0.0717	3.0026	0.8319	0.0684	0.9003		7,088.5115	7,088.5115	0.2398		7,094.5058
Total	**1.0193**	**13.0650**	**6.4415**	**0.0675**	**2.9310**	**0.0722**	**3.0031**	**0.8319**	**0.0689**	**0.9009**		**7,096.6193**	**7,096.6193**	**0.2400**	**1.5000e-004**	**7,102.6623**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3555	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003
Energy	7.4000e-004	6.7500e-003	5.6700e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.0995	8.0995	1.6000e-004	1.5000e-004	8.1477
Mobile	0.6630	13.0582	6.4319	0.0675	2.9310	0.0717	3.0026	0.8319	0.0684	0.9003		7,088.5115	7,088.5115	0.2398		7,094.5058
Total	**1.0193**	**13.0650**	**6.4415**	**0.0675**	**2.9310**	**0.0722**	**3.0031**	**0.8319**	**0.0689**	**0.9009**		**7,096.6193**	**7,096.6193**	**0.2400**	**1.5000e-004**	**7,102.6623**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2020	6/15/2020	5	11	
2	Grading	Grading	6/16/2020	7/15/2020	5	22	
3	Building Construction	Building Construction	7/16/2020	4/30/2021	5	207	
4	Paving	Paving	7/16/2020	4/30/2021	5	207	
5	Architectural Coating	Architectural Coating	7/16/2020	4/30/2021	5	207	

Acres of Grading (Site Preparation Phase): 5.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.21

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 23,588; Non-Residential Outdoor: 7,863; Striped Parking Area: 539 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	10.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.5303**	**0.3353**	**0.8656**	**0.0573**	**0.3085**	**0.3658**		**943.4872**	**943.4872**	**0.3051**		**951.1158**

3.2 Site Preparation - 2020

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	0.0230	0.0164	0.2189	5.9000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		58.8056	58.8056	1.8500e-003		58.8520
Total	**0.0230**	**0.0164**	**0.2189**	**5.9000e-004**	**0.0559**	**4.7000e-004**	**0.0564**	**0.0148**	**4.3000e-004**	**0.0153**		**58.8056**	**58.8056**	**1.8500e-003**		**58.8520**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.2068**	**0.3353**	**0.5421**	**0.0223**	**0.3085**	**0.3309**	**0.0000**	**943.4872**	**943.4872**	**0.3051**		**951.1158**

3.2 Site Preparation - 2020

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	0.0230	0.0164	0.2189	5.9000e-004	0.0365	4.7000e-004	0.0369	0.0101	4.3000e-004	0.0105		58.8056	58.8056	1.8500e-003		58.8520
Total	**0.0230**	**0.0164**	**0.2189**	**5.9000e-004**	**0.0365**	**4.7000e-004**	**0.0369**	**0.0101**	**4.3000e-004**	**0.0105**		**58.8056**	**58.8056**	**1.8500e-003**		**58.8520**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	**0.8674**	**7.8729**	**7.6226**	**0.0120**	**0.7528**	**0.4672**	**1.2200**	**0.4138**	**0.4457**	**0.8595**		**1,147.2352**	**1,147.2352**	**0.2169**		**1,152.6578**

3.3 Grading - 2020

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	0.0460	0.0327	0.4378	1.1800e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		117.6113	117.6113	3.7100e-003		117.7040
Total	**0.0460**	**0.0327**	**0.4378**	**1.1800e-003**	**0.1118**	**9.3000e-004**	**0.1127**	**0.0296**	**8.6000e-004**	**0.0305**		**117.6113**	**117.6113**	**3.7100e-003**		**117.7040**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2936	0.0000	0.2936	0.1614	0.0000	0.1614			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	**0.8674**	**7.8729**	**7.6226**	**0.0120**	**0.2936**	**0.4672**	**0.7608**	**0.1614**	**0.4457**	**0.6070**	**0.0000**	**1,147.2352**	**1,147.2352**	**0.2169**		**1,152.6578**

3.3 Grading - 2020

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	0.0460	0.0327	0.4378	1.1800e-003	0.0729	9.3000e-004	0.0738	0.0201	8.6000e-004	0.0210		117.6113	117.6113	3.7100e-003		117.7040
Total	**0.0460**	**0.0327**	**0.4378**	**1.1800e-003**	**0.0729**	**9.3000e-004**	**0.0738**	**0.0201**	**8.6000e-004**	**0.0210**		**117.6113**	**117.6113**	**3.7100e-003**		**117.7040**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.9781	1,102.9781	0.3567		1,111.8962
Total	**0.8617**	**8.8523**	**7.3875**	**0.0114**		**0.5224**	**0.5224**		**0.4806**	**0.4806**		**1,102.9781**	**1,102.9781**	**0.3567**		**1,111.8962**

3.4 Building Construction - 2020

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	0.0142	0.4255	0.1115	1.0400e-003	0.0256	2.0000e-003	0.0276	7.3700e-003	1.9200e-003	9.2900e-003		110.8099	110.8099	6.7600e-003		110.9789
Worker	0.0460	0.0327	0.4378	1.1800e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		117.6113	117.6113	3.7100e-003		117.7040
Total	**0.0603**	**0.4582**	**0.5493**	**2.2200e-003**	**0.1374**	**2.9300e-003**	**0.1403**	**0.0370**	**2.7800e-003**	**0.0398**		**228.4212**	**228.4212**	**0.0105**		**228.6829**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962
Total	**0.8617**	**8.8523**	**7.3875**	**0.0114**		**0.5224**	**0.5224**		**0.4806**	**0.4806**	**0.0000**	**1,102.9781**	**1,102.9781**	**0.3567**		**1,111.8962**

3.4 Building Construction - 2020

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	0.0142	0.4255	0.1115	1.0400e-003	0.0183	2.0000e-003	0.0203	5.5800e-003	1.9200e-003	7.5000e-003		110.8099	110.8099	6.7600e-003		110.9789
Worker	0.0460	0.0327	0.4378	1.1800e-003	0.0729	9.3000e-004	0.0738	0.0201	8.6000e-004	0.0210		117.6113	117.6113	3.7100e-003		117.7040
Total	**0.0603**	**0.4582**	**0.5493**	**2.2200e-003**	**0.0912**	**2.9300e-003**	**0.0942**	**0.0257**	**2.7800e-003**	**0.0285**		**228.4212**	**228.4212**	**0.0105**		**228.6829**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	**0.7750**	**7.9850**	**7.2637**	**0.0114**		**0.4475**	**0.4475**		**0.4117**	**0.4117**		**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

3.4 Building Construction - 2021

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	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003		113.9609
Total	**0.0550**	**0.4178**	**0.5043**	**2.1700e-003**	**0.1374**	**1.6900e-003**	**0.1391**	**0.0370**	**1.5900e-003**	**0.0386**		**223.8292**	**223.8292**	**9.8400e-003**		**224.0751**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	**0.7750**	**7.9850**	**7.2637**	**0.0114**		**0.4475**	**0.4475**		**0.4117**	**0.4117**	**0.0000**	**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

3.4 Building Construction - 2021

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	0.0122	0.3884	0.1015	1.0300e-003	0.0183	7.9000e-004	0.0191	5.5800e-003	7.6000e-004	6.3400e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0429	0.0295	0.4028	1.1400e-003	0.0729	9.0000e-004	0.0738	0.0201	8.3000e-004	0.0209		113.8770	113.8770	3.3600e-003		113.9609
Total	**0.0550**	**0.4178**	**0.5043**	**2.1700e-003**	**0.0912**	**1.6900e-003**	**0.0929**	**0.0257**	**1.5900e-003**	**0.0273**		**223.8292**	**223.8292**	**9.8400e-003**		**224.0751**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7716	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669		1,035.3926	1,035.3926	0.3016		1,042.9323
Paving	2.2800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7738**	**7.2266**	**7.1128**	**0.0113**		**0.3950**	**0.3950**		**0.3669**	**0.3669**		**1,035.3926**	**1,035.3926**	**0.3016**		**1,042.9323**

3.5 Paving - 2020

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	0.0828	0.0589	0.7881	2.1300e-003	0.2012	1.6800e-003	0.2029	0.0534	1.5500e-003	0.0549		211.7003	211.7003	6.6700e-003		211.8672
Total	**0.0828**	**0.0589**	**0.7881**	**2.1300e-003**	**0.2012**	**1.6800e-003**	**0.2029**	**0.0534**	**1.5500e-003**	**0.0549**		**211.7003**	**211.7003**	**6.6700e-003**		**211.8672**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7716	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669	0.0000	1,035.3926	1,035.3926	0.3016		1,042.9323
Paving	2.2800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7738**	**7.2266**	**7.1128**	**0.0113**		**0.3950**	**0.3950**		**0.3669**	**0.3669**	**0.0000**	**1,035.3926**	**1,035.3926**	**0.3016**		**1,042.9323**

3.5 Paving - 2020

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	0.0828	0.0589	0.7881	2.1300e-003	0.1312	1.6800e-003	0.1329	0.0362	1.5500e-003	0.0377		211.7003	211.7003	6.6700e-003		211.8672
Total	**0.0828**	**0.0589**	**0.7881**	**2.1300e-003**	**0.1312**	**1.6800e-003**	**0.1329**	**0.0362**	**1.5500e-003**	**0.0377**		**211.7003**	**211.7003**	**6.6700e-003**		**211.8672**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	2.2800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7237**	**6.7178**	**7.0899**	**0.0113**		**0.3534**	**0.3534**		**0.3286**	**0.3286**		**1,035.3425**	**1,035.3425**	**0.3016**		**1,042.8818**

3.5 Paving - 2021

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	0.0772	0.0530	0.7250	2.0600e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		204.9786	204.9786	6.0400e-003		205.1296
Total	**0.0772**	**0.0530**	**0.7250**	**2.0600e-003**	**0.2012**	**1.6300e-003**	**0.2028**	**0.0534**	**1.5000e-003**	**0.0549**		**204.9786**	**204.9786**	**6.0400e-003**		**205.1296**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	2.2800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7237**	**6.7178**	**7.0899**	**0.0113**		**0.3534**	**0.3534**		**0.3286**	**0.3286**	**0.0000**	**1,035.3425**	**1,035.3425**	**0.3016**		**1,042.8818**

3.5 Paving - 2021

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	0.0772	0.0530	0.7250	2.0600e-003	0.1312	1.6300e-003	0.1329	0.0362	1.5000e-003	0.0377		204.9786	204.9786	6.0400e-003		205.1296
Total	**0.0772**	**0.0530**	**0.7250**	**2.0600e-003**	**0.1312**	**1.6300e-003**	**0.1329**	**0.0362**	**1.5000e-003**	**0.0377**		**204.9786**	**204.9786**	**6.0400e-003**		**205.1296**

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7163					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**0.9585**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.6 Architectural Coating - 2020

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	9.2000e-003	6.5500e-003	0.0876	2.4000e-004	0.0224	1.9000e-004	0.0225	5.9300e-003	1.7000e-004	6.1000e-003		23.5223	23.5223	7.4000e-004		23.5408
Total	**9.2000e-003**	**6.5500e-003**	**0.0876**	**2.4000e-004**	**0.0224**	**1.9000e-004**	**0.0225**	**5.9300e-003**	**1.7000e-004**	**6.1000e-003**		**23.5223**	**23.5223**	**7.4000e-004**		**23.5408**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7163					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**0.9585**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.6 Architectural Coating - 2020

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	9.2000e-003	6.5500e-003	0.0876	2.4000e-004	0.0146	1.9000e-004	0.0148	4.0200e-003	1.7000e-004	4.1900e-003		23.5223	23.5223	7.4000e-004		23.5408
Total	**9.2000e-003**	**6.5500e-003**	**0.0876**	**2.4000e-004**	**0.0146**	**1.9000e-004**	**0.0148**	**4.0200e-003**	**1.7000e-004**	**4.1900e-003**		**23.5223**	**23.5223**	**7.4000e-004**		**23.5408**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7163					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**0.9352**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

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	8.5700e-003	5.8900e-003	0.0806	2.3000e-004	0.0224	1.8000e-004	0.0225	5.9300e-003	1.7000e-004	6.1000e-003		22.7754	22.7754	6.7000e-004		22.7922
Total	**8.5700e-003**	**5.8900e-003**	**0.0806**	**2.3000e-004**	**0.0224**	**1.8000e-004**	**0.0225**	**5.9300e-003**	**1.7000e-004**	**6.1000e-003**		**22.7754**	**22.7754**	**6.7000e-004**		**22.7922**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7163					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**0.9352**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

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	8.5700e-003	5.8900e-003	0.0806	2.3000e-004	0.0146	1.8000e-004	0.0148	4.0200e-003	1.7000e-004	4.1900e-003		22.7754	22.7754	6.7000e-004		22.7922
Total	**8.5700e-003**	**5.8900e-003**	**0.0806**	**2.3000e-004**	**0.0146**	**1.8000e-004**	**0.0148**	**4.0200e-003**	**1.7000e-004**	**4.1900e-003**		**22.7754**	**22.7754**	**6.7000e-004**		**22.7922**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6630	13.0582	6.4319	0.0675	2.9310	0.0717	3.0026	0.8319	0.0684	0.9003		7,088.5115	7,088.5115	0.2398		7,094.5058
Unmitigated	0.6630	13.0582	6.4319	0.0675	2.9310	0.0717	3.0026	0.8319	0.0684	0.9003		7,088.5115	7,088.5115	0.2398		7,094.5058

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	39.00	39.00	39.00	153,615	153,615
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	57.95	57.95	57.95	1,058,996	1,058,996
Total	96.95	96.95	96.95	1,212,610	1,212,610

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	50.20	50.20	50.20	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Other Non-Asphalt Surfaces	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Parking Lot	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.250000	0.250000	0.250000	0.250000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	7.4000e-004	6.7500e-003	5.6700e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.0995	8.0995	1.6000e-004	1.5000e-004	8.1477
NaturalGas Unmitigated	7.4000e-004	6.7500e-003	5.6700e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.0995	8.0995	1.6000e-004	1.5000e-004	8.1477

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					
General Office Building	34.2247	3.7000e-004	3.3600e-003	2.8200e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		4.0264	4.0264	8.0000e-005	7.0000e-005	4.0504
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	34.6212	3.7000e-004	3.3900e-003	2.8500e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		4.0731	4.0731	8.0000e-005	7.0000e-005	4.0973
Total		**7.4000e-004**	**6.7500e-003**	**5.6700e-003**	**4.0000e-005**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**		**8.0995**	**8.0995**	**1.6000e-004**	**1.4000e-004**	**8.1477**

5.2 Energy by Land Use - NaturalGas

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					
General Office Building	0.0342247	3.7000e-004	3.3600e-003	2.8200e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		4.0264	4.0264	8.0000e-005	7.0000e-005	4.0504
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.0346212	3.7000e-004	3.3900e-003	2.8500e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		4.0731	4.0731	8.0000e-005	7.0000e-005	4.0973
Total		**7.4000e-004**	**6.7500e-003**	**5.6700e-003**	**4.0000e-005**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**		**8.0995**	**8.0995**	**1.6000e-004**	**1.4000e-004**	**8.1477**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3555	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003
Unmitigated	0.3555	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.6000e-004	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003
Total	**0.3555**	**4.0000e-005**	**3.8900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**8.3000e-003**	**8.3000e-003**	**2.0000e-005**		**8.8500e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.6000e-004	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003
Total	**0.3555**	**4.0000e-005**	**3.8900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**8.3000e-003**	**8.3000e-003**	**2.0000e-005**		**8.8500e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Baldwin Park Commercial - Industrial Project

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1.20	1000sqft	0.00	1,200.00	0
Unrefrigerated Warehouse-No Rail	14.53	1000sqft	0.33	14,525.00	0
Parking Lot	21.00	Space	0.18	7,768.00	0
Other Non-Asphalt Surfaces	1.21	1000sqft	0.03	1,208.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Baldwin Park Commercial - Industrial Project - Los Angeles-South Coast County, Winter

Project Characteristics -

Land Use - Project site = 0.538 acre

Construction Phase - Construction expected to span 11 months. Specific Phase duration based on the same proportion to each other as identified with CalEEMod defaults, with the exception that building construction, paving, and painting are assumed to occur simultaneously.

Grading -

Vehicle Trips - Trip generation per KOA.

Fleet Mix - Assumed all warehouse traffic are heavy duty trucks [LHD1, LHD2, MHD, HHD]

Construction Off-road Equipment Mitigation - SCAQMD Rule 403

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	207.00
tblConstructionPhase	NumDays	100.00	207.00
tblConstructionPhase	NumDays	2.00	22.00
tblConstructionPhase	NumDays	5.00	207.00
tblConstructionPhase	NumDays	1.00	11.00
tblConstructionPhase	PhaseEndDate	6/24/2020	4/30/2021
tblConstructionPhase	PhaseEndDate	6/10/2020	4/30/2021
tblConstructionPhase	PhaseEndDate	1/22/2020	7/15/2020
tblConstructionPhase	PhaseEndDate	6/17/2020	4/30/2021
tblConstructionPhase	PhaseEndDate	1/20/2020	6/15/2020
tblConstructionPhase	PhaseStartDate	6/18/2020	7/16/2020
tblConstructionPhase	PhaseStartDate	1/23/2020	7/16/2020
tblConstructionPhase	PhaseStartDate	1/21/2020	6/16/2020
tblConstructionPhase	PhaseStartDate	6/11/2020	7/16/2020
tblConstructionPhase	PhaseStartDate	1/18/2020	6/1/2020
tblFleetMix	HHD	0.03	0.25

tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.05	0.00
tblFleetMix	LDT2	0.20	0.00
tblFleetMix	LHD1	0.02	0.25
tblFleetMix	LHD2	6.1430e-003	0.25
tblFleetMix	MCY	5.0780e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.9100e-004	0.00
tblFleetMix	MHD	0.02	0.25
tblFleetMix	OBUS	2.4790e-003	0.00
tblFleetMix	SBUS	6.8200e-004	0.00
tblFleetMix	UBUS	2.2700e-003	0.00
tblLandUse	LandUseSquareFeet	8,400.00	7,768.00
tblLandUse	LotAcreage	0.03	0.00
tblLandUse	LotAcreage	0.33	0.33
tblLandUse	LotAcreage	0.19	0.18
tblVehicleTrips	CC_TL	8.40	50.20
tblVehicleTrips	CNW_TL	6.90	50.20
tblVehicleTrips	CW_TL	16.60	50.20
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	2.46	32.50
tblVehicleTrips	ST_TR	1.68	3.99

tblVehicleTrips	SU_TR	1.05	32.50
tblVehicleTrips	SU_TR	1.68	3.99
tblVehicleTrips	WD_TR	11.03	32.50
tblVehicleTrips	WD_TR	1.68	3.99

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					
2020	2.7622	18.2968	17.6577	0.0300	0.8645	1.0332	1.3941	0.4434	0.9629	1.0592	0.0000	2,859.8245	2,859.8245	0.6978	0.0000	2,877.2690
2021	2.5897	16.7150	17.3882	0.0299	0.3610	0.8986	1.2595	0.0963	0.8377	0.9340	0.0000	2,848.6199	2,848.6199	0.6941	0.0000	2,865.9713
Maximum	**2.7622**	**18.2968**	**17.6577**	**0.0300**	**0.8645**	**1.0332**	**1.3941**	**0.4434**	**0.9629**	**1.0592**	**0.0000**	**2,859.8245**	**2,859.8245**	**0.6978**	**0.0000**	**2,877.2690**

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					
2020	2.7622	18.2968	17.6577	0.0300	0.3665	1.0332	1.2702	0.1815	0.9629	1.0288	0.0000	2,859.8245	2,859.8245	0.6978	0.0000	2,877.2690
2021	2.5897	16.7150	17.3882	0.0299	0.2370	0.8986	1.1356	0.0659	0.8377	0.9036	0.0000	2,848.6199	2,848.6199	0.6941	0.0000	2,865.9713
Maximum	**2.7622**	**18.2968**	**17.6577**	**0.0300**	**0.3665**	**1.0332**	**1.2702**	**0.1815**	**0.9629**	**1.0288**	**0.0000**	**2,859.8245**	**2,859.8245**	**0.6978**	**0.0000**	**2,877.2690**

	ROG	NOx	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**	**50.75**	**0.00**	**9.34**	**54.17**	**0.00**	**3.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3555	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003
Energy	7.4000e-004	6.7500e-003	5.6700e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.0995	8.0995	1.6000e-004	1.5000e-004	8.1477
Mobile	0.6644	13.4733	6.3885	0.0671	2.9310	0.0719	3.0028	0.8319	0.0686	0.9005		7,046.6270	7,046.6270	0.2417		7,052.6691
Total	**1.0207**	**13.4801**	**6.3981**	**0.0671**	**2.9310**	**0.0724**	**3.0033**	**0.8319**	**0.0691**	**0.9010**		**7,054.7348**	**7,054.7348**	**0.2419**	**1.5000e-004**	**7,060.8256**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3555	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003
Energy	7.4000e-004	6.7500e-003	5.6700e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.0995	8.0995	1.6000e-004	1.5000e-004	8.1477
Mobile	0.6644	13.4733	6.3885	0.0671	2.9310	0.0719	3.0028	0.8319	0.0686	0.9005		7,046.6270	7,046.6270	0.2417		7,052.6691
Total	**1.0207**	**13.4801**	**6.3981**	**0.0671**	**2.9310**	**0.0724**	**3.0033**	**0.8319**	**0.0691**	**0.9010**		**7,054.7348**	**7,054.7348**	**0.2419**	**1.5000e-004**	**7,060.8256**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2020	6/15/2020	5	11	
2	Grading	Grading	6/16/2020	7/15/2020	5	22	
3	Building Construction	Building Construction	7/16/2020	4/30/2021	5	207	
4	Paving	Paving	7/16/2020	4/30/2021	5	207	
5	Architectural Coating	Architectural Coating	7/16/2020	4/30/2021	5	207	

Acres of Grading (Site Preparation Phase): 5.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.21

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 23,588; Non-Residential Outdoor: 7,863; Striped Parking Area: 539 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	10.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.5303**	**0.3353**	**0.8656**	**0.0573**	**0.3085**	**0.3658**		**943.4872**	**943.4872**	**0.3051**		**951.1158**

3.2 Site Preparation - 2020

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	0.0256	0.0181	0.2005	5.6000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		55.3710	55.3710	1.7500e-003		55.4147
Total	**0.0256**	**0.0181**	**0.2005**	**5.6000e-004**	**0.0559**	**4.7000e-004**	**0.0564**	**0.0148**	**4.3000e-004**	**0.0153**		**55.3710**	**55.3710**	**1.7500e-003**		**55.4147**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.2068**	**0.3353**	**0.5421**	**0.0223**	**0.3085**	**0.3309**	**0.0000**	**943.4872**	**943.4872**	**0.3051**		**951.1158**

3.2 Site Preparation - 2020

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	0.0256	0.0181	0.2005	5.6000e-004	0.0365	4.7000e-004	0.0369	0.0101	4.3000e-004	0.0105		55.3710	55.3710	1.7500e-003		55.4147
Total	**0.0256**	**0.0181**	**0.2005**	**5.6000e-004**	**0.0365**	**4.7000e-004**	**0.0369**	**0.0101**	**4.3000e-004**	**0.0105**		**55.3710**	**55.3710**	**1.7500e-003**		**55.4147**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	**0.8674**	**7.8729**	**7.6226**	**0.0120**	**0.7528**	**0.4672**	**1.2200**	**0.4138**	**0.4457**	**0.8595**		**1,147.2352**	**1,147.2352**	**0.2169**		**1,152.6578**

3.3 Grading - 2020

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	0.0511	0.0363	0.4010	1.1100e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		110.7420	110.7420	3.4900e-003		110.8293
Total	**0.0511**	**0.0363**	**0.4010**	**1.1100e-003**	**0.1118**	**9.3000e-004**	**0.1127**	**0.0296**	**8.6000e-004**	**0.0305**		**110.7420**	**110.7420**	**3.4900e-003**		**110.8293**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2936	0.0000	0.2936	0.1614	0.0000	0.1614			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	**0.8674**	**7.8729**	**7.6226**	**0.0120**	**0.2936**	**0.4672**	**0.7608**	**0.1614**	**0.4457**	**0.6070**	**0.0000**	**1,147.2352**	**1,147.2352**	**0.2169**		**1,152.6578**

3.3 Grading - 2020

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	0.0511	0.0363	0.4010	1.1100e-003	0.0729	9.3000e-004	0.0738	0.0201	8.6000e-004	0.0210		110.7420	110.7420	3.4900e-003		110.8293
Total	**0.0511**	**0.0363**	**0.4010**	**1.1100e-003**	**0.0729**	**9.3000e-004**	**0.0738**	**0.0201**	**8.6000e-004**	**0.0210**		**110.7420**	**110.7420**	**3.4900e-003**		**110.8293**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.9781	1,102.9781	0.3567		1,111.8962
Total	**0.8617**	**8.8523**	**7.3875**	**0.0114**		**0.5224**	**0.5224**		**0.4806**	**0.4806**		**1,102.9781**	**1,102.9781**	**0.3567**		**1,111.8962**

3.4 Building Construction - 2020

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	0.0149	0.4254	0.1230	1.0100e-003	0.0256	2.0300e-003	0.0276	7.3700e-003	1.9500e-003	9.3200e-003		107.7796	107.7796	7.2100e-003		107.9598
Worker	0.0511	0.0363	0.4010	1.1100e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		110.7420	110.7420	3.4900e-003		110.8293
Total	**0.0660**	**0.4617**	**0.5240**	**2.1200e-003**	**0.1374**	**2.9600e-003**	**0.1404**	**0.0370**	**2.8100e-003**	**0.0398**		**218.5217**	**218.5217**	**0.0107**		**218.7891**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962
Total	**0.8617**	**8.8523**	**7.3875**	**0.0114**		**0.5224**	**0.5224**		**0.4806**	**0.4806**	**0.0000**	**1,102.9781**	**1,102.9781**	**0.3567**		**1,111.8962**

3.4 Building Construction - 2020

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	0.0149	0.4254	0.1230	1.0100e-003	0.0183	2.0300e-003	0.0203	5.5800e-003	1.9500e-003	7.5300e-003		107.7796	107.7796	7.2100e-003		107.9598
Worker	0.0511	0.0363	0.4010	1.1100e-003	0.0729	9.3000e-004	0.0738	0.0201	8.6000e-004	0.0210		110.7420	110.7420	3.4900e-003		110.8293
Total	**0.0660**	**0.4617**	**0.5240**	**2.1200e-003**	**0.0912**	**2.9600e-003**	**0.0942**	**0.0257**	**2.8100e-003**	**0.0285**		**218.5217**	**218.5217**	**0.0107**		**218.7891**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	**0.7750**	**7.9850**	**7.2637**	**0.0114**		**0.4475**	**0.4475**		**0.4117**	**0.4117**		**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

3.4 Building Construction - 2021

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	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040
Total	**0.0604**	**0.4202**	**0.4806**	**2.0800e-003**	**0.1374**	**1.7200e-003**	**0.1391**	**0.0370**	**1.6100e-003**	**0.0386**		**214.1633**	**214.1633**	**0.0101**		**214.4148**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	**0.7750**	**7.9850**	**7.2637**	**0.0114**		**0.4475**	**0.4475**		**0.4117**	**0.4117**	**0.0000**	**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

3.4 Building Construction - 2021

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	0.0128	0.3876	0.1123	1.0000e-003	0.0183	8.2000e-004	0.0191	5.5800e-003	7.8000e-004	6.3700e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0477	0.0326	0.3683	1.0800e-003	0.0729	9.0000e-004	0.0738	0.0201	8.3000e-004	0.0209		107.2251	107.2251	3.1600e-003		107.3040
Total	**0.0604**	**0.4202**	**0.4806**	**2.0800e-003**	**0.0912**	**1.7200e-003**	**0.0929**	**0.0257**	**1.6100e-003**	**0.0273**		**214.1633**	**214.1633**	**0.0101**		**214.4148**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7716	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669		1,035.3926	1,035.3926	0.3016		1,042.9323
Paving	2.2800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7738**	**7.2266**	**7.1128**	**0.0113**		**0.3950**	**0.3950**		**0.3669**	**0.3669**		**1,035.3926**	**1,035.3926**	**0.3016**		**1,042.9323**

3.5 Paving - 2020

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	0.0920	0.0652	0.7218	2.0000e-003	0.2012	1.6800e-003	0.2029	0.0534	1.5500e-003	0.0549		199.3357	199.3357	6.2800e-003		199.4927
Total	**0.0920**	**0.0652**	**0.7218**	**2.0000e-003**	**0.2012**	**1.6800e-003**	**0.2029**	**0.0534**	**1.5500e-003**	**0.0549**		**199.3357**	**199.3357**	**6.2800e-003**		**199.4927**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7716	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669	0.0000	1,035.3926	1,035.3926	0.3016		1,042.9323
Paving	2.2800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7738**	**7.2266**	**7.1128**	**0.0113**		**0.3950**	**0.3950**		**0.3669**	**0.3669**	**0.0000**	**1,035.3926**	**1,035.3926**	**0.3016**		**1,042.9323**

3.5 Paving - 2020

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	0.0920	0.0652	0.7218	2.0000e-003	0.1312	1.6800e-003	0.1329	0.0362	1.5500e-003	0.0377		199.3357	199.3357	6.2800e-003		199.4927
Total	**0.0920**	**0.0652**	**0.7218**	**2.0000e-003**	**0.1312**	**1.6800e-003**	**0.1329**	**0.0362**	**1.5500e-003**	**0.0377**		**199.3357**	**199.3357**	**6.2800e-003**		**199.4927**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	2.2800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7237**	**6.7178**	**7.0899**	**0.0113**		**0.3534**	**0.3534**		**0.3286**	**0.3286**		**1,035.3425**	**1,035.3425**	**0.3016**		**1,042.8818**

3.5 Paving - 2021

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	0.0858	0.0587	0.6629	1.9400e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		193.0052	193.0052	5.6800e-003		193.1472
Total	**0.0858**	**0.0587**	**0.6629**	**1.9400e-003**	**0.2012**	**1.6300e-003**	**0.2028**	**0.0534**	**1.5000e-003**	**0.0549**		**193.0052**	**193.0052**	**5.6800e-003**		**193.1472**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	2.2800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7237**	**6.7178**	**7.0899**	**0.0113**		**0.3534**	**0.3534**		**0.3286**	**0.3286**	**0.0000**	**1,035.3425**	**1,035.3425**	**0.3016**		**1,042.8818**

3.5 Paving - 2021

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	0.0858	0.0587	0.6629	1.9400e-003	0.1312	1.6300e-003	0.1329	0.0362	1.5000e-003	0.0377		193.0052	193.0052	5.6800e-003		193.1472
Total	**0.0858**	**0.0587**	**0.6629**	**1.9400e-003**	**0.1312**	**1.6300e-003**	**0.1329**	**0.0362**	**1.5000e-003**	**0.0377**		**193.0052**	**193.0052**	**5.6800e-003**		**193.1472**

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7163					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**0.9585**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.6 Architectural Coating - 2020

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	0.0102	7.2500e-003	0.0802	2.2000e-004	0.0224	1.9000e-004	0.0225	5.9300e-003	1.7000e-004	6.1000e-003		22.1484	22.1484	7.0000e-004		22.1659
Total	**0.0102**	**7.2500e-003**	**0.0802**	**2.2000e-004**	**0.0224**	**1.9000e-004**	**0.0225**	**5.9300e-003**	**1.7000e-004**	**6.1000e-003**		**22.1484**	**22.1484**	**7.0000e-004**		**22.1659**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7163					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**0.9585**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.6 Architectural Coating - 2020

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	0.0102	7.2500e-003	0.0802	2.2000e-004	0.0146	1.9000e-004	0.0148	4.0200e-003	1.7000e-004	4.1900e-003		22.1484	22.1484	7.0000e-004		22.1659
Total	**0.0102**	**7.2500e-003**	**0.0802**	**2.2000e-004**	**0.0146**	**1.9000e-004**	**0.0148**	**4.0200e-003**	**1.7000e-004**	**4.1900e-003**		**22.1484**	**22.1484**	**7.0000e-004**		**22.1659**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7163					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**0.9352**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

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	9.5400e-003	6.5200e-003	0.0737	2.2000e-004	0.0224	1.8000e-004	0.0225	5.9300e-003	1.7000e-004	6.1000e-003		21.4450	21.4450	6.3000e-004		21.4608
Total	**9.5400e-003**	**6.5200e-003**	**0.0737**	**2.2000e-004**	**0.0224**	**1.8000e-004**	**0.0225**	**5.9300e-003**	**1.7000e-004**	**6.1000e-003**		**21.4450**	**21.4450**	**6.3000e-004**		**21.4608**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.7163					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**0.9352**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

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	9.5400e-003	6.5200e-003	0.0737	2.2000e-004	0.0146	1.8000e-004	0.0148	4.0200e-003	1.7000e-004	4.1900e-003		21.4450	21.4450	6.3000e-004		21.4608
Total	**9.5400e-003**	**6.5200e-003**	**0.0737**	**2.2000e-004**	**0.0146**	**1.8000e-004**	**0.0148**	**4.0200e-003**	**1.7000e-004**	**4.1900e-003**		**21.4450**	**21.4450**	**6.3000e-004**		**21.4608**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6644	13.4733	6.3885	0.0671	2.9310	0.0719	3.0028	0.8319	0.0686	0.9005		7,046.6270	7,046.6270	0.2417		7,052.6691
Unmitigated	0.6644	13.4733	6.3885	0.0671	2.9310	0.0719	3.0028	0.8319	0.0686	0.9005		7,046.6270	7,046.6270	0.2417		7,052.6691

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	39.00	39.00	39.00	153,615	153,615
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	57.95	57.95	57.95	1,058,996	1,058,996
Total	96.95	96.95	96.95	1,212,610	1,212,610

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	50.20	50.20	50.20	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Other Non-Asphalt Surfaces	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Parking Lot	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.250000	0.250000	0.250000	0.250000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	7.4000e-004	6.7500e-003	5.6700e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.0995	8.0995	1.6000e-004	1.5000e-004	8.1477
NaturalGas Unmitigated	7.4000e-004	6.7500e-003	5.6700e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.0995	8.0995	1.6000e-004	1.5000e-004	8.1477

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					
General Office Building	34.2247	3.7000e-004	3.3600e-003	2.8200e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		4.0264	4.0264	8.0000e-005	7.0000e-005	4.0504
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	34.6212	3.7000e-004	3.3900e-003	2.8500e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		4.0731	4.0731	8.0000e-005	7.0000e-005	4.0973
Total		**7.4000e-004**	**6.7500e-003**	**5.6700e-003**	**4.0000e-005**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**		**8.0995**	**8.0995**	**1.6000e-004**	**1.4000e-004**	**8.1477**

5.2 Energy by Land Use - NaturalGas

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					
General Office Building	0.0342247	3.7000e-004	3.3600e-003	2.8200e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		4.0264	4.0264	8.0000e-005	7.0000e-005	4.0504
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.0346212	3.7000e-004	3.3900e-003	2.8500e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		4.0731	4.0731	8.0000e-005	7.0000e-005	4.0973
Total		**7.4000e-004**	**6.7500e-003**	**5.6700e-003**	**4.0000e-005**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**		**8.0995**	**8.0995**	**1.6000e-004**	**1.4000e-004**	**8.1477**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3555	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003
Unmitigated	0.3555	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.6000e-004	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003
Total	**0.3555**	**4.0000e-005**	**3.8900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**8.3000e-003**	**8.3000e-003**	**2.0000e-005**		**8.8500e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.6000e-004	4.0000e-005	3.8900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.3000e-003	8.3000e-003	2.0000e-005		8.8500e-003
Total	**0.3555**	**4.0000e-005**	**3.8900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**8.3000e-003**	**8.3000e-003**	**2.0000e-005**		**8.8500e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Proposed Project
Total Construction-Related and Operational Gasoline Usage

Action	Carbon Dioxide Equivalents (CO_2e) in Metric Tons[1]	Conversion of Metric Tons to Kilograms[2]	Construction Equipment Emission Factor[2]	Total Gallons of Fuel Consumed
Project Construction	**288**	**288000**	**10.15**	**28,374**
	Per CalEEMod Output Files.	Per Climate Registry Equation 13e	Per Climate Registry Equation 13e	

Total Gallons Consumed During Project Construction: 28,374

Notes:
Fuel used by all construction equipment, including vehicle hauling trucks, assumed to be diesel.

Sources:
[1]ECORP Consulting, 2020.

[2]Climate Registry. 2016. *General Reporting Protocol for the Voluntary Reporting Program version 2.1.* January 2016.
http://www.theclimateregistry.org/wp-content/uploads/2014/11/General-Reporting-Protocol-Version-2.1.pdf

Total Gallons During Project Operations [3]

Area	Sub-Area	Cal. Year	Season	Veh_tech	EMFAC 2011 Category	Fuel_GAS	Fuel_DSL	Daily Total	ANNUAL TOTAL
Sub-Areas	Los Angeles	2019	Annual	All Vehicles	All Vehicles [4]	30.2	5.1	35.3	**12,884.5**

Sources:
[3]Californai Air Resource Board. 2017. EMFAC2017 Mobile Emissions Model.

Notes:
[4]Excluding T6 Agricultural Truck, T6 Instate Construction (heavy and small), T7 Agricultural Truck, T7 CAIRP Construction, T7 Single Construction, T7 Tractor Truck, T7 Tractor Construction, PTO, and SBUS

Baldwin Park Commercial - Industrial Project

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1.20	1000sqft	0.00	1,200.00	0
Unrefrigerated Warehouse-No Rail	14.53	1000sqft	0.33	14,525.00	0
Parking Lot	21.00	Space	0.18	7,768.00	0
Other Non-Asphalt Surfaces	1.21	1000sqft	0.03	1,208.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Baldwin Park Commercial - Industrial Project - Los Angeles-South Coast County, Annual

Project Characteristics -

Land Use - Project site = 0.538 acre

Construction Phase - Construction expected to span 11 months. Specific Phase duration based on the same proportion to each other as identified with CalEEMod defaults, with the exception that building construction, paving, and painting are assumed to occur simultaneously.

Grading -

Vehicle Trips - Trip generation per KOA.

Fleet Mix - Assumed all warehouse traffic are heavy duty trucks [LHD1, LHD2, MHD, HHD]

Construction Off-road Equipment Mitigation - SCAQMD Rule 403

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	207.00
tblConstructionPhase	NumDays	100.00	207.00
tblConstructionPhase	NumDays	2.00	22.00
tblConstructionPhase	NumDays	5.00	207.00
tblConstructionPhase	NumDays	1.00	11.00
tblConstructionPhase	PhaseEndDate	6/24/2020	4/30/2021
tblConstructionPhase	PhaseEndDate	6/10/2020	4/30/2021
tblConstructionPhase	PhaseEndDate	1/22/2020	7/15/2020
tblConstructionPhase	PhaseEndDate	6/17/2020	4/30/2021
tblConstructionPhase	PhaseEndDate	1/20/2020	6/15/2020
tblConstructionPhase	PhaseStartDate	6/18/2020	7/16/2020
tblConstructionPhase	PhaseStartDate	1/23/2020	7/16/2020
tblConstructionPhase	PhaseStartDate	1/21/2020	6/16/2020
tblConstructionPhase	PhaseStartDate	6/11/2020	7/16/2020
tblConstructionPhase	PhaseStartDate	1/18/2020	6/1/2020
tblFleetMix	HHD	0.03	0.25

tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.05	0.00
tblFleetMix	LDT2	0.20	0.00
tblFleetMix	LHD1	0.02	0.25
tblFleetMix	LHD2	6.1430e-003	0.25
tblFleetMix	MCY	5.0780e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.9100e-004	0.00
tblFleetMix	MHD	0.02	0.25
tblFleetMix	OBUS	2.4790e-003	0.00
tblFleetMix	SBUS	6.8200e-004	0.00
tblFleetMix	UBUS	2.2700e-003	0.00
tblLandUse	LandUseSquareFeet	8,400.00	7,768.00
tblLandUse	LotAcreage	0.03	0.00
tblLandUse	LotAcreage	0.33	0.33
tblLandUse	LotAcreage	0.19	0.18
tblVehicleTrips	CC_TL	8.40	50.20
tblVehicleTrips	CNW_TL	6.90	50.20
tblVehicleTrips	CW_TL	16.60	50.20
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	2.46	32.50
tblVehicleTrips	ST_TR	1.68	3.99

tblVehicleTrips	SU_TR	1.05	32.50
tblVehicleTrips	SU_TR	1.68	3.99
tblVehicleTrips	WD_TR	11.03	32.50
tblVehicleTrips	WD_TR	1.68	3.99

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					
2020	0.1801	1.2411	1.1819	2.0200e-003	0.0341	0.0695	0.1036	0.0110	0.0649	0.0759	0.0000	174.9206	174.9206	0.0420	0.0000	175.9712
2021	0.1107	0.7192	0.7487	1.2900e-003	0.0152	0.0386	0.0539	4.0700e-003	0.0360	0.0401	0.0000	111.3987	111.3987	0.0271	0.0000	112.0755
Maximum	**0.1801**	**1.2411**	**1.1819**	**2.0200e-003**	**0.0341**	**0.0695**	**0.1036**	**0.0110**	**0.0649**	**0.0759**	**0.0000**	**174.9206**	**174.9206**	**0.0420**	**0.0000**	**175.9712**

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					
2020	0.1801	1.2411	1.1819	2.0200e-003	0.0194	0.0695	0.0889	6.0900e-003	0.0649	0.0710	0.0000	174.9204	174.9204	0.0420	0.0000	175.9710
2021	0.1107	0.7192	0.7487	1.2900e-003	0.0100	0.0386	0.0487	2.7900e-003	0.0360	0.0388	0.0000	111.3986	111.3986	0.0271	0.0000	112.0753
Maximum	**0.1801**	**1.2411**	**1.1819**	**2.0200e-003**	**0.0194**	**0.0695**	**0.0889**	**6.0900e-003**	**0.0649**	**0.0710**	**0.0000**	**174.9204**	**174.9204**	**0.0420**	**0.0000**	**175.9710**

	ROG	NOx	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**	**40.31**	**0.00**	**12.63**	**41.04**	**0.00**	**5.33**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
2	4-6-2020	7-5-2020	0.1120	0.1120
3	7-6-2020	10-5-2020	0.6475	0.6475
4	10-6-2020	1-5-2021	0.6888	0.6888
5	1-6-2021	4-5-2021	0.6205	0.6205
6	4-6-2021	7-5-2021	0.1722	0.1722
		Highest	0.6888	0.6888

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	0.0649	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.4000e-004	9.4000e-004	0.0000	0.0000	1.0000e-003
Energy	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	25.2230	25.2230	1.0100e-003	2.3000e-004	25.3164
Mobile	0.1201	2.4938	1.1600	0.0122	0.5244	0.0130	0.5374	0.1492	0.0125	0.1616	0.0000	1,165.1332	1,165.1332	0.0396	0.0000	1,166.1233
Waste						0.0000	0.0000		0.0000	0.0000	3.0002	0.0000	3.0002	0.1773	0.0000	7.4329
Water						0.0000	0.0000		0.0000	0.0000	1.1337	15.2877	16.4214	0.1171	2.8800e-003	20.2063
Total	**0.1851**	**2.4950**	**1.1615**	**0.0122**	**0.5244**	**0.0131**	**0.5375**	**0.1492**	**0.0125**	**0.1617**	**4.1339**	**1,205.6449**	**1,209.7787**	**0.3350**	**3.1100e-003**	**1,219.0799**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0649	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.4000e-004	9.4000e-004	0.0000	0.0000	1.0000e-003
Energy	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	25.2230	25.2230	1.0100e-003	2.3000e-004	25.3164
Mobile	0.1201	2.4938	1.1600	0.0122	0.5244	0.0130	0.5374	0.1492	0.0125	0.1616	0.0000	1,165.1332	1,165.1332	0.0396	0.0000	1,166.1233
Waste						0.0000	0.0000		0.0000	0.0000	3.0002	0.0000	3.0002	0.1773	0.0000	7.4329
Water						0.0000	0.0000		0.0000	0.0000	1.1337	15.2877	16.4214	0.1171	2.8800e-003	20.2063
Total	**0.1851**	**2.4950**	**1.1615**	**0.0122**	**0.5244**	**0.0131**	**0.5375**	**0.1492**	**0.0125**	**0.1617**	**4.1339**	**1,205.6449**	**1,209.7787**	**0.3350**	**3.1100e-003**	**1,219.0799**

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

3.0 Construction Detail

Construction Phase

Baldwin Park Commercial - Industrial Project - Los Angeles-South Coast County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2020	6/15/2020	5	11	
2	Grading	Grading	6/16/2020	7/15/2020	5	22	
3	Building Construction	Building Construction	7/16/2020	4/30/2021	5	207	
4	Paving	Paving	7/16/2020	4/30/2021	5	207	
5	Architectural Coating	Architectural Coating	7/16/2020	4/30/2021	5	207	

Acres of Grading (Site Preparation Phase): 5.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.21

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 23,588; Non-Residential Outdoor: 7,863; Striped Parking Area: 539 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	10.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

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					2.9200e-003	0.0000	2.9200e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7700e-003	0.0464	0.0225	5.0000e-005		1.8400e-003	1.8400e-003		1.7000e-003	1.7000e-003	0.0000	4.7075	4.7075	1.5200e-003	0.0000	4.7456
Total	**3.7700e-003**	**0.0464**	**0.0225**	**5.0000e-005**	**2.9200e-003**	**1.8400e-003**	**4.7600e-003**	**3.1000e-004**	**1.7000e-003**	**2.0100e-003**	**0.0000**	**4.7075**	**4.7075**	**1.5200e-003**	**0.0000**	**4.7456**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	1.0000e-004	1.1300e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2809	0.2809	1.0000e-005	0.0000	0.2811
Total	**1.3000e-004**	**1.0000e-004**	**1.1300e-003**	**0.0000**	**3.0000e-004**	**0.0000**	**3.0000e-004**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.2809**	**0.2809**	**1.0000e-005**	**0.0000**	**0.2811**

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					1.1400e-003	0.0000	1.1400e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7700e-003	0.0464	0.0225	5.0000e-005		1.8400e-003	1.8400e-003		1.7000e-003	1.7000e-003	0.0000	4.7075	4.7075	1.5200e-003	0.0000	4.7456
Total	**3.7700e-003**	**0.0464**	**0.0225**	**5.0000e-005**	**1.1400e-003**	**1.8400e-003**	**2.9800e-003**	**1.2000e-004**	**1.7000e-003**	**1.8200e-003**	**0.0000**	**4.7075**	**4.7075**	**1.5200e-003**	**0.0000**	**4.7456**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	1.0000e-004	1.1300e-003	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	6.0000e-005	0.0000	0.2809	0.2809	1.0000e-005	0.0000	0.2811
Total	**1.3000e-004**	**1.0000e-004**	**1.1300e-003**	**0.0000**	**2.0000e-004**	**0.0000**	**2.0000e-004**	**5.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.2809**	**0.2809**	**1.0000e-005**	**0.0000**	**0.2811**

3.3 Grading - 2020

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					8.2800e-003	0.0000	8.2800e-003	4.5500e-003	0.0000	4.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5400e-003	0.0866	0.0839	1.3000e-004		5.1400e-003	5.1400e-003		4.9000e-003	4.9000e-003	0.0000	11.4483	11.4483	2.1600e-003	0.0000	11.5024
Total	**9.5400e-003**	**0.0866**	**0.0839**	**1.3000e-004**	**8.2800e-003**	**5.1400e-003**	**0.0134**	**4.5500e-003**	**4.9000e-003**	**9.4500e-003**	**0.0000**	**11.4483**	**11.4483**	**2.1600e-003**	**0.0000**	**11.5024**

3.3 Grading - 2020

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	5.1000e-004	4.1000e-004	4.5300e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.1235	1.1235	4.0000e-005	0.0000	1.1244
Total	**5.1000e-004**	**4.1000e-004**	**4.5300e-003**	**1.0000e-005**	**1.2100e-003**	**1.0000e-005**	**1.2200e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.1235**	**1.1235**	**4.0000e-005**	**0.0000**	**1.1244**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.2300e-003	0.0000	3.2300e-003	1.7800e-003	0.0000	1.7800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5400e-003	0.0866	0.0839	1.3000e-004		5.1400e-003	5.1400e-003		4.9000e-003	4.9000e-003	0.0000	11.4483	11.4483	2.1600e-003	0.0000	11.5024
Total	**9.5400e-003**	**0.0866**	**0.0839**	**1.3000e-004**	**3.2300e-003**	**5.1400e-003**	**8.3700e-003**	**1.7800e-003**	**4.9000e-003**	**6.6800e-003**	**0.0000**	**11.4483**	**11.4483**	**2.1600e-003**	**0.0000**	**11.5024**

3.3 Grading - 2020

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	5.1000e-004	4.1000e-004	4.5300e-003	1.0000e-005	7.9000e-004	1.0000e-005	8.0000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	1.1235	1.1235	4.0000e-005	0.0000	1.1244
Total	**5.1000e-004**	**4.1000e-004**	**4.5300e-003**	**1.0000e-005**	**7.9000e-004**	**1.0000e-005**	**8.0000e-004**	**2.2000e-004**	**1.0000e-005**	**2.3000e-004**	**0.0000**	**1.1235**	**1.1235**	**4.0000e-005**	**0.0000**	**1.1244**

3.4 Building Construction - 2020

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	0.0521	0.5356	0.4469	6.9000e-004		0.0316	0.0316		0.0291	0.0291	0.0000	60.5366	60.5366	0.0196	0.0000	61.0261
Total	**0.0521**	**0.5356**	**0.4469**	**6.9000e-004**		**0.0316**	**0.0316**		**0.0291**	**0.0291**	**0.0000**	**60.5366**	**60.5366**	**0.0196**	**0.0000**	**61.0261**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.8000e-004	0.0262	7.1000e-003	6.0000e-005	1.5200e-003	1.2000e-004	1.6500e-003	4.4000e-004	1.2000e-004	5.6000e-004	0.0000	6.0119	6.0119	3.8000e-004	0.0000	6.0215
Worker	2.7900e-003	2.2500e-003	0.0249	7.0000e-005	6.6300e-003	6.0000e-005	6.6900e-003	1.7600e-003	5.0000e-005	1.8100e-003	0.0000	6.1792	6.1792	1.9000e-004	0.0000	6.1840
Total	**3.6700e-003**	**0.0285**	**0.0320**	**1.3000e-004**	**8.1500e-003**	**1.8000e-004**	**8.3400e-003**	**2.2000e-003**	**1.7000e-004**	**2.3700e-003**	**0.0000**	**12.1911**	**12.1911**	**5.7000e-004**	**0.0000**	**12.2055**

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	0.0521	0.5356	0.4469	6.9000e-004		0.0316	0.0316		0.0291	0.0291	0.0000	60.5365	60.5365	0.0196	0.0000	61.0260
Total	**0.0521**	**0.5356**	**0.4469**	**6.9000e-004**		**0.0316**	**0.0316**		**0.0291**	**0.0291**	**0.0000**	**60.5365**	**60.5365**	**0.0196**	**0.0000**	**61.0260**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.8000e-004	0.0262	7.1000e-003	6.0000e-005	1.0900e-003	1.2000e-004	1.2100e-003	3.3000e-004	1.2000e-004	4.5000e-004	0.0000	6.0119	6.0119	3.8000e-004	0.0000	6.0215
Worker	2.7900e-003	2.2500e-003	0.0249	7.0000e-005	4.3300e-003	6.0000e-005	4.3900e-003	1.2000e-003	5.0000e-005	1.2500e-003	0.0000	6.1792	6.1792	1.9000e-004	0.0000	6.1840
Total	**3.6700e-003**	**0.0285**	**0.0320**	**1.3000e-004**	**5.4200e-003**	**1.8000e-004**	**5.6000e-003**	**1.5300e-003**	**1.7000e-004**	**1.7000e-003**	**0.0000**	**12.1911**	**12.1911**	**5.7000e-004**	**0.0000**	**12.2055**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0333	0.3434	0.3123	4.9000e-004		0.0192	0.0192		0.0177	0.0177	0.0000	43.0353	43.0353	0.0139	0.0000	43.3832
Total	**0.0333**	**0.3434**	**0.3123**	**4.9000e-004**		**0.0192**	**0.0192**		**0.0177**	**0.0177**	**0.0000**	**43.0353**	**43.0353**	**0.0139**	**0.0000**	**43.3832**

3.4 Building Construction - 2021

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	5.3000e-004	0.0170	4.6000e-003	4.0000e-005	1.0800e-003	3.0000e-005	1.1200e-003	3.1000e-004	3.0000e-005	3.5000e-004	0.0000	4.2397	4.2397	2.6000e-004	0.0000	4.2462
Worker	1.8500e-003	1.4400e-003	0.0163	5.0000e-005	4.7100e-003	4.0000e-005	4.7500e-003	1.2500e-003	4.0000e-005	1.2900e-003	0.0000	4.2523	4.2523	1.3000e-004	0.0000	4.2555
Total	**2.3800e-003**	**0.0184**	**0.0209**	**9.0000e-005**	**5.7900e-003**	**7.0000e-005**	**5.8700e-003**	**1.5600e-003**	**7.0000e-005**	**1.6400e-003**	**0.0000**	**8.4921**	**8.4921**	**3.9000e-004**	**0.0000**	**8.5017**

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	0.0333	0.3434	0.3123	4.9000e-004		0.0192	0.0192		0.0177	0.0177	0.0000	43.0352	43.0352	0.0139	0.0000	43.3832
Total	**0.0333**	**0.3434**	**0.3123**	**4.9000e-004**		**0.0192**	**0.0192**		**0.0177**	**0.0177**	**0.0000**	**43.0352**	**43.0352**	**0.0139**	**0.0000**	**43.3832**

3.4 Building Construction - 2021

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	5.3000e-004	0.0170	4.6000e-003	4.0000e-005	7.8000e-004	3.0000e-005	8.1000e-004	2.4000e-004	3.0000e-005	2.7000e-004	0.0000	4.2397	4.2397	2.6000e-004	0.0000	4.2462
Worker	1.8500e-003	1.4400e-003	0.0163	5.0000e-005	3.0800e-003	4.0000e-005	3.1200e-003	8.5000e-004	4.0000e-005	8.9000e-004	0.0000	4.2523	4.2523	1.3000e-004	0.0000	4.2555
Total	**2.3800e-003**	**0.0184**	**0.0209**	**9.0000e-005**	**3.8600e-003**	**7.0000e-005**	**3.9300e-003**	**1.0900e-003**	**7.0000e-005**	**1.1600e-003**	**0.0000**	**8.4921**	**8.4921**	**3.9000e-004**	**0.0000**	**8.5017**

3.5 Paving - 2020

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	0.0467	0.4372	0.4303	6.8000e-004		0.0239	0.0239		0.0222	0.0222	0.0000	56.8272	56.8272	0.0166	0.0000	57.2410
Paving	1.4000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0468**	**0.4372**	**0.4303**	**6.8000e-004**		**0.0239**	**0.0239**		**0.0222**	**0.0222**	**0.0000**	**56.8272**	**56.8272**	**0.0166**	**0.0000**	**57.2410**

3.5 Paving - 2020

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	5.0300e-003	4.0500e-003	0.0448	1.2000e-004	0.0119	1.0000e-004	0.0120	3.1700e-003	9.0000e-005	3.2600e-003	0.0000	11.1225	11.1225	3.5000e-004	0.0000	11.1313
Total	**5.0300e-003**	**4.0500e-003**	**0.0448**	**1.2000e-004**	**0.0119**	**1.0000e-004**	**0.0120**	**3.1700e-003**	**9.0000e-005**	**3.2600e-003**	**0.0000**	**11.1225**	**11.1225**	**3.5000e-004**	**0.0000**	**11.1313**

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	0.0467	0.4372	0.4303	6.8000e-004		0.0239	0.0239		0.0222	0.0222	0.0000	56.8271	56.8271	0.0166	0.0000	57.2409
Paving	1.4000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0468**	**0.4372**	**0.4303**	**6.8000e-004**		**0.0239**	**0.0239**		**0.0222**	**0.0222**	**0.0000**	**56.8271**	**56.8271**	**0.0166**	**0.0000**	**57.2409**

3.5 Paving - 2020

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	5.0300e-003	4.0500e-003	0.0448	1.2000e-004	7.8000e-003	1.0000e-004	7.9000e-003	2.1500e-003	9.0000e-005	2.2500e-003	0.0000	11.1225	11.1225	3.5000e-004	0.0000	11.1313
Total	**5.0300e-003**	**4.0500e-003**	**0.0448**	**1.2000e-004**	**7.8000e-003**	**1.0000e-004**	**7.9000e-003**	**2.1500e-003**	**9.0000e-005**	**2.2500e-003**	**0.0000**	**11.1225**	**11.1225**	**3.5000e-004**	**0.0000**	**11.1313**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0310	0.2889	0.3049	4.8000e-004		0.0152	0.0152		0.0141	0.0141	0.0000	40.3876	40.3876	0.0118	0.0000	40.6817
Paving	1.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0311**	**0.2889**	**0.3049**	**4.8000e-004**		**0.0152**	**0.0152**		**0.0141**	**0.0141**	**0.0000**	**40.3876**	**40.3876**	**0.0118**	**0.0000**	**40.6817**

3.5 Paving - 2021

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	3.3300e-003	2.5900e-003	0.0293	8.0000e-005	8.4800e-003	7.0000e-005	8.5500e-003	2.2500e-003	6.0000e-005	2.3200e-003	0.0000	7.6542	7.6542	2.3000e-004	0.0000	7.6599
Total	**3.3300e-003**	**2.5900e-003**	**0.0293**	**8.0000e-005**	**8.4800e-003**	**7.0000e-005**	**8.5500e-003**	**2.2500e-003**	**6.0000e-005**	**2.3200e-003**	**0.0000**	**7.6542**	**7.6542**	**2.3000e-004**	**0.0000**	**7.6599**

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	0.0310	0.2889	0.3049	4.8000e-004		0.0152	0.0152		0.0141	0.0141	0.0000	40.3876	40.3876	0.0118	0.0000	40.6817
Paving	1.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0311**	**0.2889**	**0.3049**	**4.8000e-004**		**0.0152**	**0.0152**		**0.0141**	**0.0141**	**0.0000**	**40.3876**	**40.3876**	**0.0118**	**0.0000**	**40.6817**

3.5 Paving - 2021

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	3.3300e-003	2.5900e-003	0.0293	8.0000e-005	5.5400e-003	7.0000e-005	5.6100e-003	1.5300e-003	6.0000e-005	1.6000e-003	0.0000	7.6542	7.6542	2.3000e-004	0.0000	7.6599
Total	**3.3300e-003**	**2.5900e-003**	**0.0293**	**8.0000e-005**	**5.5400e-003**	**7.0000e-005**	**5.6100e-003**	**1.5300e-003**	**6.0000e-005**	**1.6000e-003**	**0.0000**	**7.6542**	**7.6542**	**2.3000e-004**	**0.0000**	**7.6599**

3.6 Architectural Coating - 2020

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	0.0433					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.1019	0.1108	1.8000e-004		6.7100e-003	6.7100e-003		6.7100e-003	6.7100e-003	0.0000	15.4472	15.4472	1.2000e-003	0.0000	15.4771
Total	**0.0580**	**0.1019**	**0.1108**	**1.8000e-004**		**6.7100e-003**	**6.7100e-003**		**6.7100e-003**	**6.7100e-003**	**0.0000**	**15.4472**	**15.4472**	**1.2000e-003**	**0.0000**	**15.4771**

3.6 Architectural Coating - 2020

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	5.6000e-004	4.5000e-004	4.9800e-003	1.0000e-005	1.3300e-003	1.0000e-005	1.3400e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.2358	1.2358	4.0000e-005	0.0000	1.2368
Total	**5.6000e-004**	**4.5000e-004**	**4.9800e-003**	**1.0000e-005**	**1.3300e-003**	**1.0000e-005**	**1.3400e-003**	**3.5000e-004**	**1.0000e-005**	**3.6000e-004**	**0.0000**	**1.2358**	**1.2358**	**4.0000e-005**	**0.0000**	**1.2368**

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	0.0433					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.1019	0.1108	1.8000e-004		6.7100e-003	6.7100e-003		6.7100e-003	6.7100e-003	0.0000	15.4472	15.4472	1.2000e-003	0.0000	15.4771
Total	**0.0580**	**0.1019**	**0.1108**	**1.8000e-004**		**6.7100e-003**	**6.7100e-003**		**6.7100e-003**	**6.7100e-003**	**0.0000**	**15.4472**	**15.4472**	**1.2000e-003**	**0.0000**	**15.4771**

3.6 Architectural Coating - 2020

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	5.6000e-004	4.5000e-004	4.9800e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	1.2358	1.2358	4.0000e-005	0.0000	1.2368
Total	**5.6000e-004**	**4.5000e-004**	**4.9800e-003**	**1.0000e-005**	**8.7000e-004**	**1.0000e-005**	**8.8000e-004**	**2.4000e-004**	**1.0000e-005**	**2.5000e-004**	**0.0000**	**1.2358**	**1.2358**	**4.0000e-005**	**0.0000**	**1.2368**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4100e-003	0.0657	0.0782	1.3000e-004		4.0500e-003	4.0500e-003		4.0500e-003	4.0500e-003	0.0000	10.9790	10.9790	7.5000e-004	0.0000	10.9978
Total	**0.0402**	**0.0657**	**0.0782**	**1.3000e-004**		**4.0500e-003**	**4.0500e-003**		**4.0500e-003**	**4.0500e-003**	**0.0000**	**10.9790**	**10.9790**	**7.5000e-004**	**0.0000**	**10.9978**

3.6 Architectural Coating - 2021

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	3.7000e-004	2.9000e-004	3.2500e-003	1.0000e-005	9.4000e-004	1.0000e-005	9.5000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.8505	0.8505	3.0000e-005	0.0000	0.8511
Total	**3.7000e-004**	**2.9000e-004**	**3.2500e-003**	**1.0000e-005**	**9.4000e-004**	**1.0000e-005**	**9.5000e-004**	**2.5000e-004**	**1.0000e-005**	**2.6000e-004**	**0.0000**	**0.8505**	**0.8505**	**3.0000e-005**	**0.0000**	**0.8511**

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	0.0308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4100e-003	0.0657	0.0782	1.3000e-004		4.0500e-003	4.0500e-003		4.0500e-003	4.0500e-003	0.0000	10.9790	10.9790	7.5000e-004	0.0000	10.9978
Total	**0.0402**	**0.0657**	**0.0782**	**1.3000e-004**		**4.0500e-003**	**4.0500e-003**		**4.0500e-003**	**4.0500e-003**	**0.0000**	**10.9790**	**10.9790**	**7.5000e-004**	**0.0000**	**10.9978**

3.6 Architectural Coating - 2021

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	3.7000e-004	2.9000e-004	3.2500e-003	1.0000e-005	6.2000e-004	1.0000e-005	6.2000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.8505	0.8505	3.0000e-005	0.0000	0.8511
Total	**3.7000e-004**	**2.9000e-004**	**3.2500e-003**	**1.0000e-005**	**6.2000e-004**	**1.0000e-005**	**6.2000e-004**	**1.7000e-004**	**1.0000e-005**	**1.8000e-004**	**0.0000**	**0.8505**	**0.8505**	**3.0000e-005**	**0.0000**	**0.8511**

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	0.1201	2.4938	1.1600	0.0122	0.5244	0.0130	0.5374	0.1492	0.0125	0.1616	0.0000	1,165.1332	1,165.1332	0.0396	0.0000	1,166.1233
Unmitigated	0.1201	2.4938	1.1600	0.0122	0.5244	0.0130	0.5374	0.1492	0.0125	0.1616	0.0000	1,165.1332	1,165.1332	0.0396	0.0000	1,166.1233

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	39.00	39.00	39.00	153,615	153,615
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	57.95	57.95	57.95	1,058,996	1,058,996
Total	96.95	96.95	96.95	1,212,610	1,212,610

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	50.20	50.20	50.20	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Other Non-Asphalt Surfaces	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Parking Lot	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.250000	0.250000	0.250000	0.250000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	23.8821	23.8821	9.9000e-004	2.0000e-004	23.9675
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	23.8821	23.8821	9.9000e-004	2.0000e-004	23.9675
NaturalGas Mitigated	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.3410	1.3410	3.0000e-005	2.0000e-005	1.3489
NaturalGas Unmitigated	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.3410	1.3410	3.0000e-005	2.0000e-005	1.3489

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					
General Office Building	12492	7.0000e-005	6.1000e-004	5.1000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.6666	0.6666	1.0000e-005	1.0000e-005	0.6706
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	12636.8	7.0000e-005	6.2000e-004	5.2000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.6744	0.6744	1.0000e-005	1.0000e-005	0.6784
Total		**1.4000e-004**	**1.2300e-003**	**1.0300e-003**	**0.0000**		**1.0000e-004**	**1.0000e-004**		**1.0000e-004**	**1.0000e-004**	**0.0000**	**1.3410**	**1.3410**	**2.0000e-005**	**2.0000e-005**	**1.3489**

5.2 Energy by Land Use - NaturalGas

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					
General Office Building	12492	7.0000e-005	6.1000e-004	5.1000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.6666	0.6666	1.0000e-005	1.0000e-005	0.6706
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	12636.8	7.0000e-005	6.2000e-004	5.2000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.6744	0.6744	1.0000e-005	1.0000e-005	0.6784
Total		**1.4000e-004**	**1.2300e-003**	**1.0300e-003**	**0.0000**		**1.0000e-004**	**1.0000e-004**		**1.0000e-004**	**1.0000e-004**	**0.0000**	**1.3410**	**1.3410**	**2.0000e-005**	**2.0000e-005**	**1.3489**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	15588	4.9667	2.1000e-004	4.0000e-005	4.9844
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	2718.8	0.8663	4.0000e-005	1.0000e-005	0.8694
Unrefrigerated Warehouse-No Rail	56647.5	18.0491	7.5000e-004	1.5000e-004	18.1137
Total		**23.8821**	**1.0000e-003**	**2.0000e-004**	**23.9675**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	15588	4.9667	2.1000e-004	4.0000e-005	4.9844
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	2718.8	0.8663	4.0000e-005	1.0000e-005	0.8694
Unrefrigerated Warehouse-No Rail	56647.5	18.0491	7.5000e-004	1.5000e-004	18.1137
Total		**23.8821**	**1.0000e-003**	**2.0000e-004**	**23.9675**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0649	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.4000e-004	9.4000e-004	0.0000	0.0000	1.0000e-003
Unmitigated	0.0649	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.4000e-004	9.4000e-004	0.0000	0.0000	1.0000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	7.4100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0574					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.4000e-004	9.4000e-004	0.0000	0.0000	1.0000e-003
Total	**0.0649**	**0.0000**	**4.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**9.4000e-004**	**9.4000e-004**	**0.0000**	**0.0000**	**1.0000e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	7.4100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0574					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	0.0000	4.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.4000e-004	9.4000e-004	0.0000	0.0000	1.0000e-003
Total	**0.0649**	**0.0000**	**4.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**9.4000e-004**	**9.4000e-004**	**0.0000**	**0.0000**	**1.0000e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	16.4214	0.1171	2.8800e-003	20.2063
Unmitigated	16.4214	0.1171	2.8800e-003	20.2063

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.213281 / 0.13072	1.4153	7.0100e-003	1.8000e-004	1.6427
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.36006 / 0	15.0061	0.1101	2.7000e-003	18.5636
Total		**16.4214**	**0.1171**	**2.8800e-003**	**20.2063**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.213281 / 0.13072	1.4153	7.0100e-003	1.8000e-004	1.6427
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.36006 / 0	15.0061	0.1101	2.7000e-003	18.5636
Total		**16.4214**	**0.1171**	**2.8800e-003**	**20.2063**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	3.0002	0.1773	0.0000	7.4329
Unmitigated	3.0002	0.1773	0.0000	7.4329

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	1.12	0.2274	0.0134	0.0000	0.5633
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	13.66	2.7729	0.1639	0.0000	6.8696
Total		**3.0002**	**0.1773**	**0.0000**	**7.4329**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	1.12	0.2274	0.0134	0.0000	0.5633
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	13.66	2.7729	0.1639	0.0000	6.8696
Total		**3.0002**	**0.1773**	**0.0000**	**7.4329**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

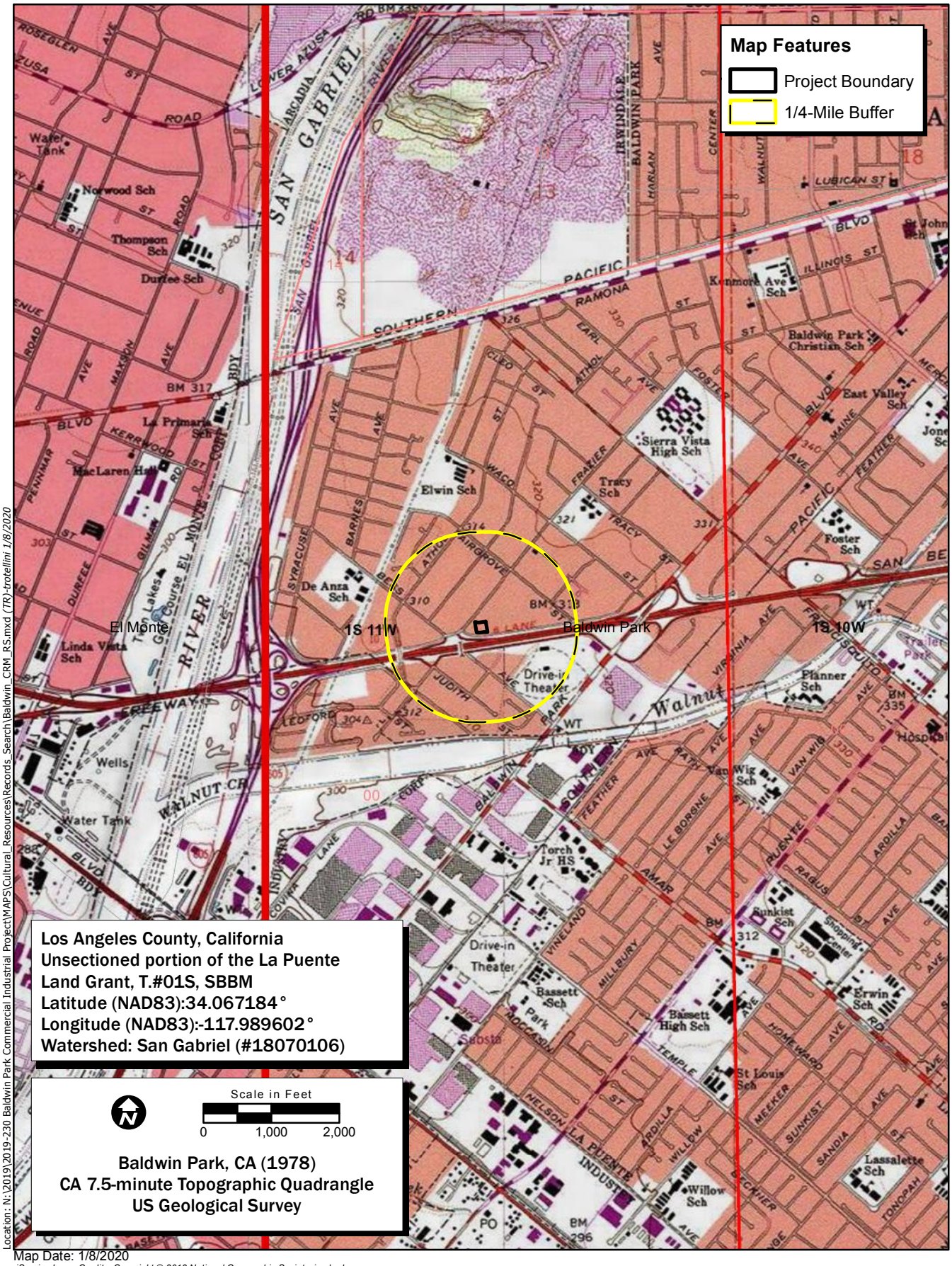
Equipment Type	Number

11.0 Vegetation

APPENDIX B

Appendix B – Cultural Resources and Tribal Cultural Resources

CULTURAL RECORDS SEARCH



Location: N:\2019\2019-230 Baldwin Park Commercial Industrial Project\MAPS\Cultural_Resources\Records_Search\Baldwin_CRM_RS.mxd (TR)-trotellini 1/8/2020

Map Date: 1/8/2020

iService Layer Credits: Copyright:© 2013 National Geographic Society, i-cubed
Compiled by the Bureau of Land Management (BLM), National Operations Center (NOC), OC-530.

DRAFT

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Records Search

2019-230 Baldwin Park Commercial Industrial Project

1.1 Records Search Methods

A cultural resources records search was conducted in January 2020 at the South Central Coastal Information Center (SCCIC), located at California State University, Fullerton. The purpose of the records search was to determine the extent of previous cultural resources investigations and the presence of previously recorded archaeological sites or historic-period (i.e., more than 50 years in age) resources within a 0.25-mile radius of the Project Area.

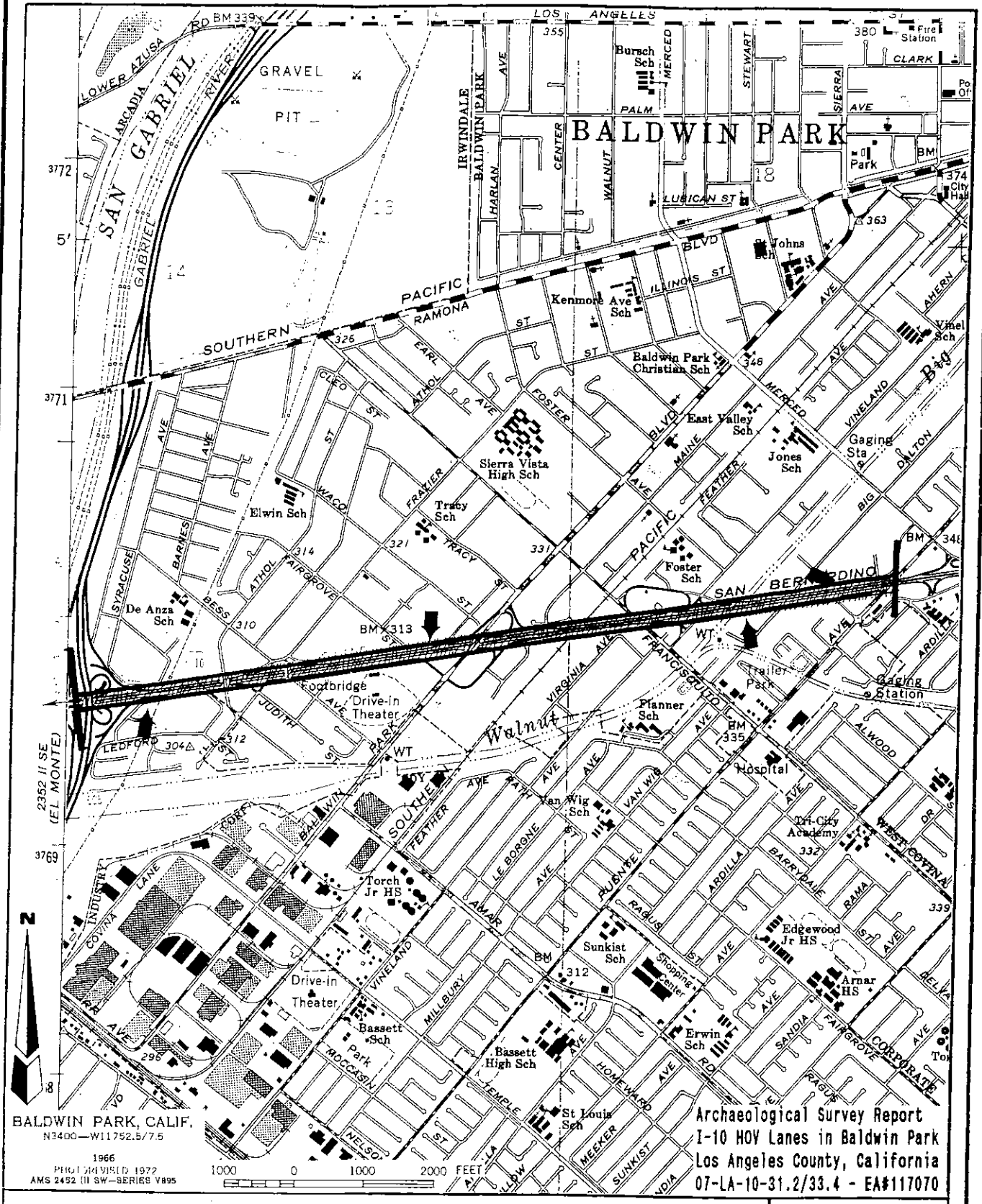
Previous Research

The records search indicated that four cultural resources investigations were conducted within a 0.25-mile radius of the Project area between 1994 and 2012. Three of the four investigations overlapped the Project Area. These include two linear surveys of Interstate 10, one for widening of the Interstate and another for the addition of HOV lanes, and two studies for Interstate 10 interchange improvements. Details of all four investigations are presented in Table 1.

Table 1. Previous Cultural Studies In or Within 0.25 Mile of the Project Area

Report Number	Author(s)	Report Title	Year	Includes Portion of the APE?
LA-03056	Wlodarski, Robert J.	*Negative Archaeological Survey Report Minor Widening for I-10 Malibu, California.*	1994	Yes
LA-10190	Harbert, Claudia	*Supplemental Historic Property Survey Report for the I-10 HOV Lane Between I-605 and the SR-57/SR-71/I-210 Interchange in the Cities of Los Angeles, Baldwin Park, West Covina, Covina, San Dimas, and Pomona in Los Angeles County, CA*	2002	Yes
LA-10883	Stewart, Noah M.	*Finding of no adverse effect - Interstate Route 10-605 Interchange Improvement 07-LA-10/605 PM 31.2/20.9 EA:245400*	2008	Yes
LA-11784	Stewart, Noah	*Supplemental Finding of No Adverse Effect, Interstate Route 10-605 Interchange Improvement*	2012	Yes

The records search results show that no previously recorded resources are located within the Project Area nor within 0.25-mile of the project area.



Archaeological Survey Report
I-10 HOV Lanes in Baldwin Park
Los Angeles County, California
07-LA-10-31.2/33.4 - EA#117070

LOCATION OF SURVEY

FIGURE 2

TRIBAL CONSULTATION

December 2, 2019

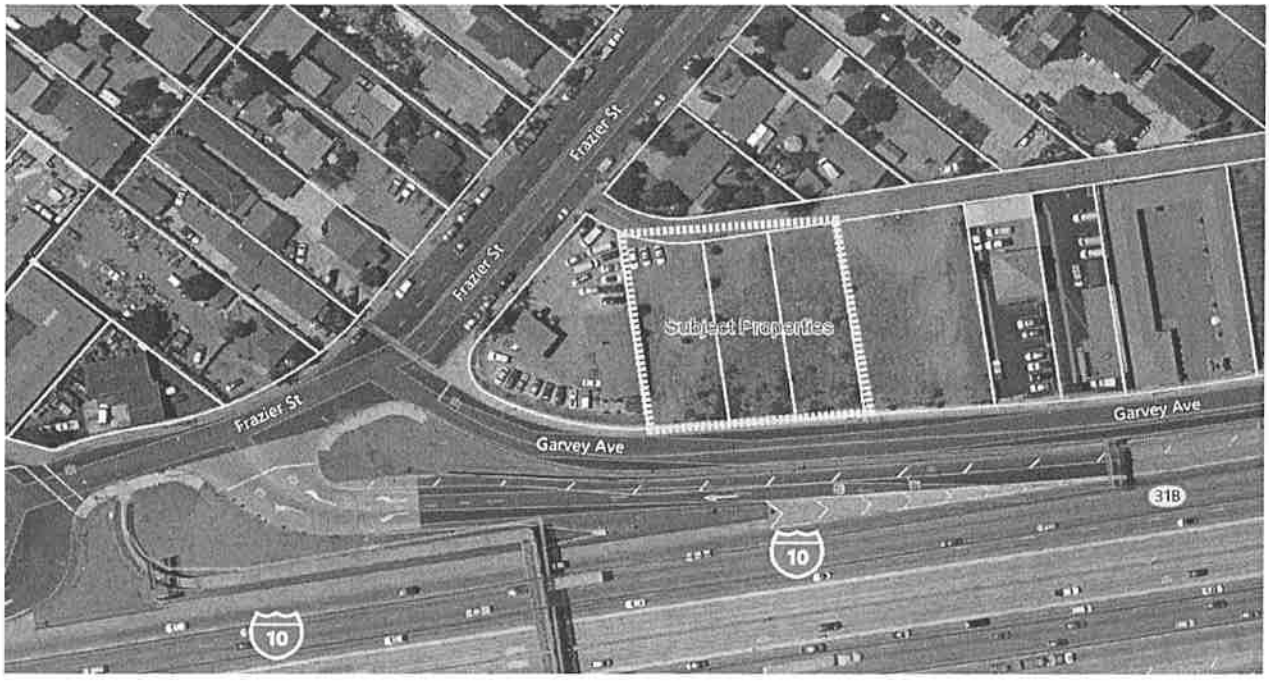
Linda Candelaria
Co-Chairwoman
C/O Sam Dunlap, Cultural Resource Representative
Gabrielino Tongva Tribe
tongvaTCR@gmail.com

RE: Tribal Consultation Notification Pursuant to Assembly Bill 52; 13057, 13061, 13065 Garvey Avenue Project, Baldwin Park, California

Chairwoman Candelaria:

This letter is to notify you of the proposed new 11,715 square foot 2-story commercial building at 13057, 13061, 13065 Garvey Avenue (APNs: 8556-022-(906-907-908)), (Proposed Project) described below in the City of Baldwin Park (City), Los Angeles County, California. Pursuant to the California Environmental Quality Act (CEQA) and CEQA Guidelines, the City, as Lead Agency, has initiated preparation of an Initial Study for the Proposed Project.

All three parcels are currently vacant. The subject property is located in an "Industrial Commercial" (I-C) Zone. The surrounding land uses and zoning consists of Garden Multi-Family Residential (R-G) to the north, and Industrial Commercial (I-C) on the east, and west of subject property.



The proposed building consists of an 11,715-sqaure foot first floor including a 1,000-square feet of office area and a 3,900-sqaure foot mezzanine area.

The proposed project has been tentatively approved by the City's Design Review Committee and requires approval by the Planning Commission of the following entitlements:

1. Design Review for the building architecture and site design.
2. Variance to deviate from lot size (minimum 40,000sq. ft.) and lot depth (minimum 200 ft.).

Your tribal group is invited to contact the City and participate in AB 52 consultation with the City pertaining to the Proposed Project. Please consider this letter and preliminary project information as the formal notification of the Proposed Project. The point of contact for the City is as follows.

Name/Title: Ron Garcia, City Planner
Address: 14403 E. Pacific Ave
City and Zip Code: Baldwin Park, CA 91706
Telephone: 626.960.4011, ext. 456
Email: rgarcia@baldwinpark.com

The City would appreciate receiving any comments, information or questions you may have regarding cultural places within the Proposed Project site. All information provided will be kept confidential.

Pursuant to Government Code Section 65352.3, **please respond with 30 thirty days** of the date of this letter if you would like to consult on the Proposed Project. Apart from consultation, please contact Erika Ramirez, Associate Planner, at 626.960.4011, ext. 456 if you would like to be notified of public hearings for the Proposed Project or if you have any questions or concerns with the Proposed Project.

Thank you for your involvement in this process and your attention to this matter.

Sincerely,

Ron Garcia
City Planner

Reviewed and Approved

December 2, 2019

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

RE: Tribal Consultation Notification Pursuant to Assembly Bill 52; 13057, 13061, 13065 Garvey Avenue Project, Baldwin Park, California

Chairperson Salas:

This letter is to notify you of the proposed new 11,715 square foot 2-story commercial building at 13057, 13061, 13065 Garvey Avenue (APNs: 8556-022-(906-907-908)), (Proposed Project) described below in the City of Baldwin Park (City), Los Angeles County, California. Pursuant to the California Environmental Quality Act (CEQA) and CEQA Guidelines, the City, as Lead Agency, has initiated preparation of an Initial Study for the Proposed Project.

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Thank you for your involvement in this process and your attention to this matter.

Sincerely,

Ron Garcia
City Planner

December 2, 2019

Mr. Joseph Ontiveros
Cultural Resource Director
Soboba Band of Luiseno Indians
P. O. Box 487
San Jacinto, CA 92581

RE: Tribal Consultation Notification Pursuant to Assembly Bill 52; 13057, 13061, 13065 Garvey Avenue Project, Baldwin Park, California

Mr. Ontiveros:

This letter is to notify you of the proposed new 11,715 square foot 2-story commercial building at 13057, 13061, 13065 Garvey Avenue (APNs: 8556-022-(906-907-908)), (Proposed Project) described below in the City of Baldwin Park (City), Los Angeles County, California. Pursuant to the California Environmental Quality Act (CEQA) and CEQA Guidelines, the City, as Lead Agency, has initiated preparation of an Initial Study for the Proposed Project.

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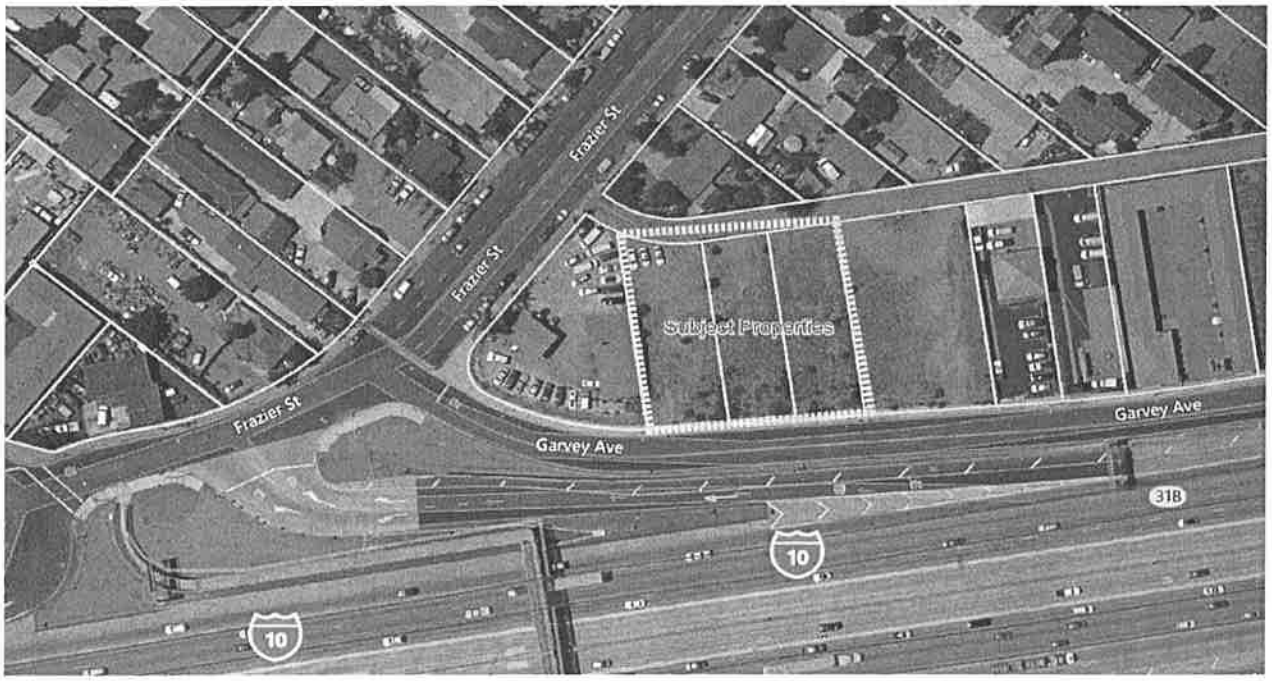

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Address: 14403 E. Pacific Ave
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Thank you for your involvement in this process and your attention to this matter.

Sincerely,

Ron Garcia
City Planner

GABRIELENO BAND OF MISSION INDIANS - KIZH NATION
Historically known as The San Gabriel Band of Mission Indians
recognized by the State of California as the aboriginal tribe of the Los Angeles basin

Project Name: 13057, 13061,13065, Garvey Avenue Project, Baldwin Park, CA

Dear Ron Garcia,

Thank you for your letter dated December 2, 2019 regarding AB52 consultation. The above proposed project location is within our Ancestral Tribal Territory; therefore, our Tribal Government requests to schedule a consultation with you as the lead agency, to discuss the project and the surrounding location in further detail.

Please contact us at your earliest convenience. ***Please Note:AB 52, "consultation" shall have the same meaning as provided in SB 18 (Govt. Code Section 65352.4).***

Thank you for your time,

Andrew Salas, Chairman
Gabrieleno Band of Mission Indians – Kizh Nation
1(844)390-0787

Andrew Salas, Chairman | Nadine Salas, Vice-Chairman | Dr. Christina Swindall Martinez, secretary
Albert Perez, treasurer I | Martha Gonzalez Lemos, treasurer II | Richard Gradias, Chairman of the council of Elders

From: Andy Salas [mailto:chairman@gabrielenoindians.org]
Sent: Monday, January 6, 2020 2:48 PM
To: Ron Garcia <RGarcia@baldwinpark.com>
Subject: Re: 13057, 13061,13065, Garvey Avenue Project, Baldwin Park, CA

Hello Ron

You are good ! You can use the same mitigation as provided. Thank you for your time and respect.

Thank you

Sincerely,

Brandy Salas

Sincerely,
Andrew Salas, Chairman
Gabrieleno Band of Mission Indians - Kizh Nation
PO Box 393
Covina, CA 91723
Office: 844-390-0787
Cell: (626)926-4131
website: www.gabrielenoindians.org

Gabrieleno Band of Mission Indians – Kizh Nation

Protection of Tribal Cultural Resources (TCRs)

Most Important Things for Agencies to Know About AB52:

- An EIR, MND, or ND can not be certified until AB-52 tribal consultation has concluded.
- Agreed mitigation measures with the tribe, MUST be recommended for inclusion in the environmental document.
- Signature confirming acceptance of these mitigation measures recommended by our Tribal Government is required within 14 days of receipt to conclude AB52 consultation.

Tribal Cultural Resources Mitigation Measures within Kizh Nation Tribal Territory:

Note: To avoid compliance issues with the following laws, all Native American Monitoring shall be conducted by a documented lineal descendant from the ancestral Tribe of the project area (NAGPRA Law 10.14)

- The Native American Graves Protection and Repatriation Act (NAGPRA), Public Law - 101-601, 25 U.S.C. 3001 et seq., 104 Stat. 3048.
- CEQA Guidelines Section15064.5, PRC 5097.98 (d)(1).
- The United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP).

If you are receiving these measures, The Gabrieleño Band of Mission Indians Kizh -Nation are the direct lineal descendants of your project area. The Kizh Nation ONLY responds and consults on projects within their ANCESTRAL tribal territory. Therefore, to remain in compliance with above referenced laws and to enable our Tribe with the ability to protect and preserve our last remaining and irreplaceable Tribal Cultural Resources, it is recommended that the project applicant retain a qualified professional tribal monitor/consultant from the Gabrieleño Band of Mission Indians Kizh -Nation. The Kizh Nation possesses Tribal archives including documented historical information as well as multiple members who possess unique knowledge derived from oral tradition passed down through generations of the Tribe in order to provide the expertise needed to identify whether a project is located within a culturally sensitive area given its proximity to village areas, commerce areas, recreation areas, ceremonial areas, and burial locations.

Native American Heritage Commission (NAHC) Guidelines for Native American Monitors/Consultants (approved 9/13/05): By acting as a liaison between Native American, archaeologist, developers, contactors and public agency, a Native American monitor/consultant can ensure that cultural features are treated appropriately from the Native American point of view. This can help others involved in a project to coordinate mitigation measures. These guidelines are intended to provide prospective monitors/consultants, and people who hire monitors/consultants, with an understanding of the scope and extant of knowledge that should be expected.

Mitigation Guidelines for Tribal Cultural Resources (TCRs): CEQA now defines TCRs as an independent element separate from archaeological resources. Environmental documents shall address a separate Tribal Cultural Resources section that includes a thorough analysis of the impacts to only TCRs and includes separate and independent mitigation measures created with tribal input under AB-52 consultations. Therefore, all agreements, mitigation, and conditions of approval regarding TCRs shall be handled solely with the Tribal Government and conversely all agreements, mitigation, and conditions of approval regarding Archaeological Resources shall be handled by an Archaeological resource company.

MITIGATION MEASURES

Retain a Native American Monitor/Consultant: The Project Applicant shall be required to retain and compensate for the services of a Tribal monitor/consultant who is both approved by the Gabrieleño Band of Mission Indians-Kizh Nation Tribal Government and is listed under the NAHC's Tribal Contact list for the area of the project location. This list is provided by the NAHC. The monitor/consultant will only be present on-site during the construction phases that involve ground disturbing activities. Ground disturbing activities are defined by the Gabrieleño Band of Mission Indians-Kizh Nation as activities that may include, but are not limited to, pavement removal, pot-holing or auguring, grubbing, tree removals, boring, grading, excavation, drilling, and trenching, within the project area. The Tribal Monitor/consultant will complete daily monitoring logs that will provide descriptions of the day's activities, including construction activities, locations, soil, and any cultural materials identified. The on-site monitoring shall end when the project site grading and excavation activities are completed, or when the Tribal Representatives and monitor/consultant have indicated that the site has a low potential for impacting Tribal Cultural Resources.

Unanticipated Discovery of Tribal Cultural and Archaeological Resources: Upon discovery of any archaeological resources, cease construction activities in the immediate vicinity of the find until the find can be assessed. All archaeological resources unearthed by project construction activities shall be evaluated by the qualified archaeologist and tribal monitor/consultant approved by the Gabrieleño Band of Mission Indians-Kizh Nation. If the resources are Native American in origin, the Gabrieleño Band of Mission Indians-Kizh Nation shall coordinate with the landowner regarding treatment and curation of these resources. Typically, the Tribe will request reburial or preservation for educational purposes. Work may continue on other parts of the project while evaluation and, if necessary, mitigation takes place (CEQA Guidelines Section15064.5 [f]). If a resource is determined by the qualified archaeologist to constitute a "historical resource" or "unique archaeological resource", time allotment and funding sufficient to allow for implementation of avoidance measures, or appropriate mitigation, must be available. The treatment plan established for the resources shall be in accordance with CEQA Guidelines Section 15064.5(f) for historical resources and

Public Resources Code Sections 21083.2(b) for unique archaeological resources. Preservation in place (i.e., avoidance) is the preferred manner of treatment. If preservation in place is not feasible, treatment may include implementation of archaeological data recovery excavations to remove the resource along with subsequent laboratory processing and analysis. Any historic archaeological material that is not Native American in origin shall be curated at a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County or the Fowler Museum, if such an institution agrees to accept the material. If no institution accepts the archaeological material, they shall be offered to a local school or historical society in the area for educational purposes.

Unanticipated Discovery of Human Remains and Associated Funerary Objects:
Native American human remains are defined in PRC 5097.98 (d)(1) as an inhumation or cremation, and in any state of decomposition or skeletal completeness. Funerary objects, called associated grave goods in PRC 5097.98, are also to be treated according to this statute. Health and Safety Code 7050.5 dictates that any discoveries of human skeletal material shall be immediately reported to the County Coroner and excavation halted until the coroner has determined the nature of the remains. If the coroner recognizes the human remains to be those of a Native American or has reason to believe that they are those of a Native American, he or she shall contact, by telephone within 24 hours, the Native American Heritage Commission (NAHC) and PRC 5097.98 shall be followed.

Resource Assessment & Continuation of Work Protocol:

Upon discovery, the tribal and/or archaeological monitor/consultant/consultant will immediately divert work at minimum of 150 feet and place an exclusion zone around the burial. The monitor/consultant(s) will then notify the Tribe, the qualified lead archaeologist, and the construction manager who will call the coroner. Work will continue to be diverted while the coroner determines whether the remains are Native American. The discovery is to be kept confidential and secure to prevent any further disturbance. If the finds are determined to be Native American, the coroner will notify the NAHC as mandated by state law who will then appoint a Most Likely Descendent (MLD).

Kizh-Gabrieleno Procedures for burials and funerary remains:

If the Gabrieleno Band of Mission Indians – Kizh Nation is designated MLD, the following treatment measures shall be implemented. To the Tribe, the term "human remains" encompasses more than human bones. In ancient as well as historic times, Tribal Traditions included, but were not limited to, the burial of funerary objects with the deceased, and the ceremonial burning of human remains. These remains are to be treated in the same manner as bone fragments that remain intact. Associated funerary objects are objects that, as part of the death rite or ceremony of a culture, are reasonably believed to have been placed with individual human remains either at the time of death or later; other items made exclusively for burial purposes or to contain human remains can also be considered as associated funerary objects.

Treatment Measures:

Prior to the continuation of ground disturbing activities, the land owner shall arrange a designated site location within the footprint of the project for the respectful reburial of the human remains and/or ceremonial objects. In the case where discovered human remains cannot be fully documented and recovered on the same day, the remains will be covered with muslin cloth and a steel plate that can be moved by heavy equipment placed over the excavation opening to protect the remains. If this type of steel plate is not available, a 24-hour guard should be posted outside of working hours. The Tribe will make every effort to recommend diverting the project and keeping the remains in situ and protected. If the project cannot be diverted, it may be determined that burials will be removed. The Tribe will work closely with the qualified archaeologist to ensure that the excavation is treated carefully, ethically and respectfully. If data recovery is approved by the Tribe, documentation shall be taken which includes at a minimum detailed descriptive notes and sketches. Additional types of documentation shall be approved by the Tribe for data recovery purposes. Cremations will either be removed in bulk or by means as necessary to ensure completely recovery of all material. If the discovery of human remains includes four or more burials, the location is considered a cemetery and a separate treatment plan shall be created. Once complete, a final report of all activities is to be submitted to the Tribe and the NAHC. The Tribe does NOT authorize any scientific study or the utilization of any invasive diagnostics on human remains.

Each occurrence of human remains and associated funerary objects will be stored using opaque cloth bags. All human remains, funerary objects, sacred objects and objects of cultural patrimony will be removed to a secure container on site if possible. These items should be retained and reburied within six months of recovery. The site of reburial/repatriation shall be on the project site but at a location agreed upon between the Tribe and the landowner at a site to be protected in perpetuity. There shall be no publicity regarding any cultural materials recovered.

Professional Standards: Archaeological and Native American monitoring and excavation during construction projects will be consistent with current professional standards. All feasible care to avoid any unnecessary disturbance, physical modification, or separation of human remains and associated funerary objects shall be taken. Principal personnel must meet the Secretary of Interior standards for archaeology and have a minimum of 10 years of experience as a principal investigator working with Native American archaeological sites in southern California. The Qualified Archaeologist shall ensure that all other personnel are appropriately trained and qualified.

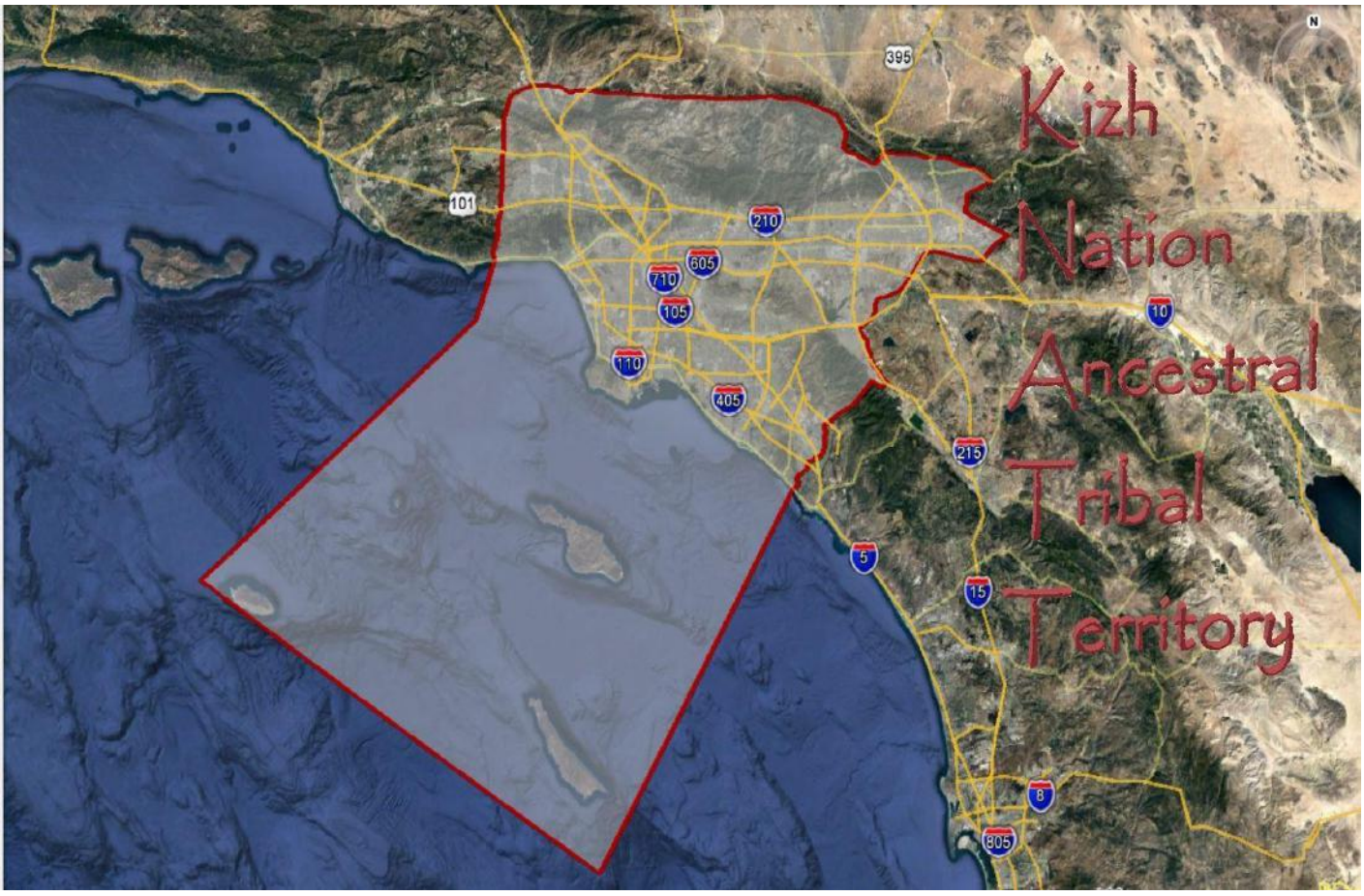
Acceptance of Tribal Government Recommended Mitigation Measures:

By _____ Date: _____
Lead Agency Representative Signature

Revised: August 2018

Attachment A

Kizh Nation Ancestral Tribal Territory extended along the coast from Malibu Creek in Los Angeles County down to Aliso Creek in Orange County and encompassed the Channel Islands of Catalina (Pimugna), San Nicolas (Haraasnga), and San Clemente (Kiinkenga). Our inland border was the San Gabriel Mountains (Hidakupa) and eastwardly our territory extended to parts of San Bernardino (Waatsngna), Orange, and Riverside counties.



APPENDIX C

Appendix C – Phase I and Phase II Environmental Site Assessment

ENCON

PHASE I AND PHASE II ESA REPORT
SUBSURF ACE SOIL AND SOIL GAS INVESTIGATION

Prepared for:

City of Baldwin Park
14403 East Pacific Avenue
Baldwin Park, California 91706
Attention: Victor Viramontes

For Property Located at:

Vacant Property
13057-13065 Garvey Avenue
Baldwin Park, California 91706

Prepared by:

ENCON Technologies, Inc.
12145 Mora Drive, Unit 7
Santa Fe Springs, California 90670
Tel: (562) 777 - 2200
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April 8, 2019

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Attachment A Site Walk Photos

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Exhibit D	EDR Radius Map Records
Exhibit E	Soil and Soil Gas Analytical Results

EXECUTIVE SUMMARY

1.0 Introduction and Purpose

ENCON Technologies, Inc., Environmental & Engineering Services (ENCON), was retained by the City of Baldwin Park, Project Client, to perform a Phase I Environmental Site Assessment (ESA) and Phase II Subsurface Soil and Soil Gas Investigation in conformance with the scope and limitations of ASTM Practice E1527-13 and the USEPA Standards and Practices for "All Appropriate Inquires" (AAI, 40 CFR Part 312) for the properties located at 13057-13065 Garvey Avenue in Baldwin Park, California (Subject Site). The site vicinity map is shown in Figure 1. The Phase I Environmental Site Assessment (ESA) site inspections, record review, and site evaluation were conducted by ENCON staff, under the direction of Mr. G. Joseph Scatoloni, Senior Environmental Professional and Registered Environmental Professional, #20150.

The Subject Site is comprised of three (3) contiguous parcels with assessor parcel numbers (APNs) 8556-022-906, 8556-022-907 and 8556-022-908, with a total lot area of approximately 24,199 square feet. Refer to Exhibit A for legal property descriptions and Figure 2 for Site Map. The Subject Site is located within a mixed commercial, industrial and residential area in the City of Baldwin Park, California, north of the 10 Freeway and east of the 605 Freeway, on Garvey Avenue and Frazier Street.

The Subject Site is currently a vacant parcel and is visually overgrown with weeds and poor grading with indications of recent site demo work. The previous uses of the Subject Site include: private security firm from about 2010 through 2014, engineering office in about 1980, and lighting and interior design company in about 1975. Refer to Section 2 of this report and Exhibit B for full historical tenant directory, and Attachment A for Site Photographs. These recent and historical uses do not suggest the involvement, use and/or storage of hazardous materials at the Subject Site. Therefore, it is the professional opinion of ENCON that no on-site recognized environmental conditions (RECs) exist on the Subject Property currently from prior onsite commercial uses.

Based on ENCON's review of the EDR Radius Map government record review for the Subject Site was not listed on the government environmental database for reported hazardous chemical material or waste uses or releases to the environment or regulatory corrective actions. Therefore, there is no indication that any Recognized Environmental Conditions (RECs) exist from the current vacant land and historical multi-tenant commercial building operations, and no further investigations are required for the Subject Site usage. Refer Exhibit D for the EDR Radius Map Report.

ENCON also reviewed the EDR Radius Map for potential environmental risk sites within 1/8 mile of the Subject Site. Based on the review, there are four (4) neighboring facilities listed with regulatory cleanup actions resulting from unauthorized releases of hazardous materials that may pose an environmental threat to the Subject Property. The list includes, but is not limited to, Historical UST sties, Historical Automotive sites, Leaking Underground Storage Tank (LUST) sites, and small quantity generators of hazardous materials (RCRA-SQG).

Upon further review of these four (4) facilities, only one (1) property is located immediately adjacent to the Subject Site, located at 3026 North Frazier Road. This facility is listed as a SWEEPS UST, Historical UST and an EDR Historical Automotive Site. In addition, the facility is currently operated as an automotive repair facility. Historically, this adjacent property was operated as a gasoline fueling station that involved the operation of three (3) underground fuel storage tanks (USTs) and fuel dispensers and associated piping, as reported by the Department of Public Works (DPW).

One (1) of the USTs is described as a 6,000-gallon unleaded gasoline fuel tank and one (1) is described as a 6,000 gallon regular gasoline fuel tank which are recognized off-site environmental concerns and pose a potential gasoline vapor encroachment threat to the Subject Site. In addition, a third tank was reported to be operated at the former gas station as a 100-gallon waste oil tank that is used to store hazardous automotive wastes and unspecified solvents that also poses a threat to the Subject Site. Two (2) of the USTs were reportedly closed and one (1) of the USTs was reportedly removed although no documentation was made available on the site environmental conditions at the time tank closures or at the present time.

Based on the current automotive repair operation and historical use of the off-site adjacent commercial property as a gas station and the historical use and storage of hazardous automotive materials, the off-site neighboring former gas station site conditions is an off-site vapor encroachment concern (VEC) to the Subject Site property. Therefore, additional subsurface soil and soil gas investigation is warranted to further define the potential VEC threat to the Subject Site by the former gas station and current automotive repair center at 3026 North Frazier Road, Baldwin Park, California.

2.0 Phase I ESA Findings and RECs

In conducting the Phase I ESA, ENCON completed the review of local and regional government environmental records, historical tenant survey, site reconnaissance by an environmental professional, and an evaluation of the evidence collected during the site assessment. ENCON performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for the Subject Site properties located at 13057-10365 Garvey Avenue in Baldwin Park, California. Any exceptions to or deletions from this practice are described in this Phase I ESA Report.

Based on the Phase I ESA file review and field inspections, the following Recognized Environmental Concern (REC) and potential area of environmental concern (AOC) was identified at the Subject Site:

1. **REC #01 – Migration of Waste Oil and Gasoline Constituents.** Based on the historical auto station uses at 3026 North Frazier Road as a former gas station and current auto repair shop involving the use and storage of hazardous materials and the former gas station is located immediately adjacent to the Subject Site, there is a potential for the waste oil and gasoline constituents to migrate onto the Subject Site from potential leaks and spills at the off-site adjacent property in the past. The chemicals of concern are total petroleum hydrocarbons in the gasoline range (TPHg) and fuel additives and by-products (BTEX and Oxygenates) as well as automotive hazardous VOC solvents used in automotive repair and parts washing activities

2. **REC #02 – Miscellaneous debris Stockpile Present on the Subject Property** - Since the Subject Site vacant lot is an open unsecured and undeveloped parcel, the City of Baldwin Park reportedly placed approximately 12 stockpiles of construction debris on the perimeter of the Subject Property to reduce direct access to the Subject Property and minimize unauthorized dumping by the public. Based on the Phase I ESA Site Inspection by ENCON, however, the stockpiles were comprised of soil aggregate and miscellaneous debris and therefore, the stockpiles are considered a recognized environmental conditions (REC) requiring testing to confirm the presence or absence of any chemicals of concern (COC).

   Upon notifying the City of these stockpiles, the City of Baldwin Park removed these 12 stockpiles from the Subject Property prior to conducting the Phase II ESA field work. Therefore, ENCON tested the natural soils beneath the former stockpiles to confirm the absence, or presence of any hazardous material residual soils. The hazardous chemicals of concern in this area included: total petroleum hydrocarbons in the waste oil range (TPHo), metals, and volatile organic compound solvents (VOCs).

3. **REC #03 – Vapor Encroachment Concern (VEC).** Based on the current automotive repair operations performed at the western adjacent former gas station facility and historical use of this site as a fueling station involving the use and storage of hazardous materials and operating underground gasoline fuel tanks immediately adjacent to the Subject Site, there is a potential for gasoline and auto solvent vapors that may have impacted the Subject Property and the future development of the Subject Site. The chemicals of concern are gasoline and solvent based volatile organic compounds (VOCs).

Based on ENCON's Phase I ESA findings, recommendations and the identified RECs listed above, a Phase II ESA subsurface soil and soil gas investigation was recommended to confirm the presence, or absence, of chemical releases that may have adversely affected the Subject Site or potentially limit the use of the Subject Property from these identified RECs. The Phase II ESA Investigation will address both the threat to State groundwater and the vapor intrusion threat to the Subject Site from volatile organic automotive chemicals and petroleum hydrocarbons in the waste oil and gasoline hydrocarbon ranges.

3.0 Phase II ESA Subsurface Investigation Results

The sampling and analysis plan (SAP) was developed by ENOCN Senior Environmental Engineer, Joe Scatoloni, based on the historical and visual site conditions employing subsurface soil and soil vapor testing methods to each identified RECs and potential general areas of c-environmental concern (AOCs The constituents of concern in these areas include: automotive metals, petroleum hydrocarbons in the gasoline ranges, and automotive fuel additives and auto parts cleaning solvents. The Phase II ESA Subsurface Soil and Soil Gas Investigation scope of work includes the following tasks:

1. **REC #01 –Automotive Waste Oil and Gasoline Constituents.** ENCON advanced three (3) soil borings to a depth of 20 feet below grade surface (bgs) (SB1, SB2 and SB3) using a truck mounted Geoprobe drill rig. Soil samples were collected at 20 feet bgs in these sampling locations.
2. **REC #02 – Miscellaneous Stockpile Debris Use - ENCON** advanced three (3) soil borings to a depth of 3 feet below grade surface (bgs) (SD1, SD2 and SD3) using a truck mounted Geoprobe drill rig. Soil samples were collected at 3 feet bgs in these sampling locations.
3. **REC #03 – Gasoline Vapor Encroachment Concern (VEC).** ENCON advanced three (3) dual nested soil gas borings (SV1, SV2 and SV3) at the Subject Site to a total depth of 15 feet bgs and collected soil gas samples at 5 feet and 15 feet bgs. In addition, ENCON advanced two (5) additional soil gas borings (SV4 and SV5) to a depth of 5 feet bgs and collected soil gas samples at 5 feet bgs.

ENCON submitted six (6) soil samples and eight (8) soil gas samples for analysis using proper chain-of-custody procedures to a State certified analytical laboratory and analyzed representative samples for total petroleum hydrocarbons in the waste oil range (TPHo) and the gasoline range (TPHg) using EPA Method 8015M, fuel additives (BTEX and oxygenates) using EPA Method 8260B, metals using EPA Method 6010/7000, and volatile organic compounds using EPA Method 8260B, in order to address RECs identified at the Subject Site. The analytical laboratory data report is provided in Exhibit E and the data is summarized in this report.

3.1 Soil Sampling and Analysis Results

Six (6) exploratory soil borings (SB1, SB2, SB3, SD1, SD2 and SD3) were advanced on March 26, 2019 as described above under the direction Mr. G. Joseph Scatoloni, ENCON Registered Environmental Professional. Soil borings SB1, SB2 and SB3 were advanced along the western property line, adjacent to the off-site automotive repair facility, to a depth of 20 feet bgs. SD1, SD2 and SD3 were advanced along the northern property line, in the vicinity of the miscellaneous debris at the Subject Site, to a depth of 3 feet bgs. All of the soil borings were advanced using a Geoprobe a truck mounted drill rig, and the soil samples were collected with a 1" diameter by 30-inch removable acetate liner from each sampling interval. Each liner was cut at both ends and the center 6" portion of the liner was capped on both ends with Teflon and plastic caps.

All sampling equipment was properly cleaned between sample intervals and boring locations. The sampling equipment was cleaned using a triple rinse decontamination process consisting of a phosphate free primary wash (Alconox or TSP), a secondary stage with a low pH water to reduce the likelihood cross-contamination (mild solution of nitric acid HN03), and a tertiary rinse using de-ionized water. Soil samples were visually inspected in the field for traces of contamination. Groundwater was not encountered during drilling.

Upon collection, all soil and surficial material samples were labeled, recorded on a chain-of-custody document, and placed in cold storage until delivered to a state-certified laboratory for analysis. Samples were collected in accordance with accepted EPA Sampling Protocol and handled according to standard EPA chain-of-custody procedures. No evidence of subsurface contamination odors or discoloration in soils was indicated in the borings or soil cuttings. No groundwater or saturated zones were encountered during the drilling at any depth. Soil boring locations are illustrated in Figure 2.

ENCON submitted the six (6) soil samples to a California State certified laboratory, Eurofins CalScience, for analyses using proper sampling and chain-of-custody procedures for the constituents of concern: total petroleum hydrocarbons in the waste oil (TPHo) and gasoline (TPHg) ranges using EPA Method 8015M, fuel additives and by-products (BTEX / Oxygenates) using EPA Method 8260B, metals using EPA Method 6010/7000, and volatile organic compounds (VOCs) using EPA Method 8620B, in order to address the RECs identified at the Subject Site. All the data obtained from soil samples collected were below detection limits for the constituents of concern. In addition, all the regulated metals of concern soil data were within normal background ranges naturally occurring in soils throughout Southern California. Refer to Exhibit E for soil laboratory analysis reports.

3.2 Soil Gas Sampling and Analysis Results

On March 26, 2019, three (3) dual nested soil gas probes (SV1, SV2 and SV3) and two (2) single nested soil gas probes (SV4 and SV5) were installed using a Geoprobe truck mounted drill rig. SV1, SV2 and SV3 were installed at a depth of 5 feet bgs and 15 feet bgs along the western property line and SV4 and SV5 were advanced to a depth of 5 feet bgs in the center of the Subject Site property. All of the soil gas probes consisted of an air diffuser connected to ¼" diameter polyethylene flex tubing that extended to above the grade surface for sampling. The space surrounding the diffusers was filled with fine sand and sealed to the near surface with bentonite chips and water treatment.

The soil gas sampling probes were allowed to equilibrate, and sampling was conducted by applying a vacuum and collecting vapor samples. After each probe was allowed to equalize, soil gas sample was extracted using a Xitech Model 1060H 1-Liter High Vac Bag Sampler vacuum pump and sampling box drawing air from the subsurface through the poly tubing and filling a Tedlar bag located inside the Sampler Box, upstream from the pump. The samples were collected after purging at least 7 pore volumes by the Field Technician.

ENCON also submitted the eight (8) soil gas samples to a California State certified laboratory, C&E Laboratories, for analyses using proper sampling and chain-of-custody procedures. The soil gas samples were analyzed for organic and chlorinated solvent VOCs using EPA Method 8260B, in order to address RECs identified at the Subject Site. All the soil gas sample data obtained from shallow soils were below detection limits for volatile organic compounds (VOCs). Therefore, the soil gas analytical results confirm that the Subject Site has not been adversely affected by the current waste debris discarded at the Subject Site, nor by the off-site automotive repair operations and historical fueling operations performed at the western adjacent facility. Refer to Exhibit E for soil gas laboratory analysis reports.

4.0 Conclusions and Recommendations

This report was prepared for the exclusive use of City of Baldwin Park, Project Client, as it pertains to the Subject Site properties located at 13057-13065 Garvey Avenue in Baldwin Park, California (Subject Site). The findings, conclusions and recommendations presented in this report were based upon the Phase I ESA and Phase II ESA site assessment and subsurface soil and soil gas investigation performed by ENCON Technologies, Inc., (ENCON). The findings in this report are based on field observations and analytical data provided by an independent laboratory. Interpretations of the subsurface conditions at the site were made from these observations and data as well as limited number of data points from soil borings. Subsurface conditions may vary from these data points.

As part of the Phase II Subsurface and Soil Gas Investigation, ENCON submitted six (6) soil samples for analyses using proper sampling and chain-of-custody procedures for the constituents of concern: total petroleum hydrocarbons in the waste oil (TPHo) and gasoline (TPHg) ranges using EPA Method 8015M, fuel additives and by-products (BTEX / Oxygenates) using EPA Method 8260B, metals using EPA Method 6010/7000, and volatile organic compounds (VOCs) using EPA Method 8620B, in order to address the RECs identified at the Subject Site. All the data obtained from soil samples collected were below detection limits for the constituents of concern.

In addition, all the regulated metals of concern soil data were within normal background ranges naturally occurring in soils throughout Southern California. ENCON also submitted eight (8) soil gas samples for analyses using proper sampling and chain-of-custody procedures. The soil gas samples were analyzed for organic and chlorinated solvent VOCs using EPA Method 8260B, in order to address RECs identified at the Subject Site. All the soil gas sample data obtained from shallow soils were below detection limits for volatile organic compounds (VOCs).

Therefore, the soil and soil gas analytical results confirm that the Subject Site has not been adversely affected by the current waste debris discarded at the Subject Site, nor by the off-site automotive repair operations and former gas station fueling operations performed at the western adjacent facility. Refer to Exhibit E for soil and soil gas laboratory analysis reports. Based on the analytical results, the Subject Site is acceptable for commercial or industrial use and no further investigations are warranted at this time.

Prepared by:

ENCON Technologies, Inc.

G. Joseph Scatoloni, ENCON Senior Principal
Registered Environmental Professional #783394

1.0 INTRODUCTION

1.1 Subject Property and Client

ENCON Technologies, Inc., Environmental & Engineering Services (ENCON), was retained by the City of Baldwin Park, Project Client, to perform a Phase I Environmental Site Assessment (ESA) and Phase II Subsurface Soil and Soil Gas Investigation in conformance with the scope and limitations of ASTM Practice E1527-13 and the USEPA Standards and Practices for "All Appropriate Inquires" (AAI, 40 CFR Part 312) for the properties located at 13057-13065 Garvey Avenue in Baldwin Park, California (Subject Site). The site vicinity map is shown in Figure 1. The Phase I Environmental Site Assessment (ESA) site inspections, record review, and site evaluation were conducted by ENCON staff, under the direction of Mr. G. Joseph Scatoloni, Senior Environmental Professional and Registered Environmental Professional, #20150.

The Subject Site is comprised of three (3) contiguous parcels with assessor parcel numbers (APNs) 8556-022-906, 8556-022-907 and 8556-022-908, with a total lot area of approximately 24,199 square feet. Refer to Exhibit A for legal property descriptions and Figure 2 for Site Map. The Subject Site is located within a mixed commercial, industrial and residential area in the City of Baldwin Park, California, north of the 10 Freeway and east of the 605 Freeway, on Garvey Avenue and Frazier Street.

The Subject Site is currently a vacant parcel and is visually overgrown and in need of maintenance. The previous uses of the Subject Site include: private security from about 2010 through 2014, engineering office in about 1980, and lighting and interior design in about 1975. Refer to Section 2 of this report and Exhibit B for full historical tenant directory, and Attachment A for Site Photographs. These current and historical operations do not suggest the involvement, use and/or storage of hazardous materials at the Subject Site. Therefore, it is the professional opinion of ENCON that no on-site recognized environmental conditions (RECs) exist currently.

1.2 Phase I and Phase II Environmental Site Assessment Major Elements

The Client has requested this Phase I Environmental Site Assessment and Phase II Subsurface Soil Investigation for a real estate transaction purpose. The purpose of the Phase I ESA report is to identify all known and suspected Recognized Environmental Conditions (RECs) in connection with subject property. A REC is defined as the presence, or likely presence, of any hazardous or California regulated substances to include petroleum products in, on, or present at the subject property due to past or present releases into the structures on the property or into the ground, groundwater, or surface water associated with the property under conditions indicative of a past or current unauthorized release to the environment or pose a material threat of a future release to the environment. Hazardous material releases that do not present a material risk to the public or the environment and generally would not be subject to regulatory enforcement or are identified as *de minmis conditions* and not classified as a REC, requiring intrusive further investigation.

The E-1527-13 ASTM Standard has developed various categories of Recognized Environmental Conditions (RECs) in connection with the subject property environmental assessment to include:

a) Controlled Recognized Environmental Conditions (CRECs) and b) Historical Recognized Environmental Conditions (HRECs) as well as c) Vapor Intrusion Conditions (VICs) and Vapor Encroachment Conditions (VECs) (ASTM E-2600-08).

a) Controlled Recognized Environmental Conditions (CRECs) is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority which may have allowed hazardous substances to remain in place subject to the implementation of required institutional or engineering controls or restricted use (NFA with conditions, low-threat site closure, or risk based closures)

b) Historical Recognized Environmental Conditions (HRECs) is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority without subjecting the property to any controls or limitations or restrictions. (NFA with no conditions, change in regulatory criteria or sampling methods or analysis)

c) Vapor Intrusion Conditions (VICs) and/or Vapor Encroachment Conditions (VECs) is a REC resulting from the presence or likely presence of any chemicals of concern (COCs) in the indoor air environment of an existing or planned building stricture on a property caused by the release of volatile organic compound (VOCs) vapors from contaminated soil or groundwater either on the property (VICs) or within close proximity to the property (VECs), at concentrations that present or may present an unacceptable health risk to the occupants or tenants.

A Phase I Environmental Site Assessment is comprised of five (5) primary elements: (1) review of available government records and associated databases for evidence of possible environmental contamination; (2) site reconnaissance through a site walk of the property; (3) limited interview with current owners and/or occupants of the property as well as with various appropriate local government agency representatives; (4) review of available historical tenant and aerial maps to define past uses of the site; and (5) an evaluation of the evidence obtained during the site assessment.

A review of the available records was conducted using government databases by Environmental Data Resource, Inc. (EDR) radius maps, historical tenant survey, the Regional water Quality Control Board files, South Coast Air Quality Management District files, and Department of Toxic Substances Control files.

1.3 Environmental Site Assessment Purpose

Under the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, or "Superfund"), owners of property where hazardous substances have been released, including deposited or disposed of, are strictly liable for the costs of response and cleanup. This liability generally extends to landowners who have or received title after the release has occurred, unless the landowner can demonstrate that at the time of acquisition or leasing, he had no knowledge or reason to know of the release or disposal.

Such an "innocent landowner" or "innocent purchaser" must meet certain statutory requirements and bears the burden of proof in establishing this defense. Specifically, the landowner must demonstrate that prior to the sale or acquisition or leasing, he undertook "all appropriate inquiry into the previous ownership and uses of the property consistent with good industrial customary practice in effort to minimize liability".[1] As a result of this potential contingent liability, essentially all non-residential real estate transactions now include a Phase I Environmental Site Assessment and a Phase II Environmental Site Assessment, as needed to complete the environmental site assessment evaluation.

The American Society for Testing and Materials (ASTM) has published a standard defining recommended elements to be included in a Phase I assessment. No legal standard currently exist, however, defining a site assessment. According to the ASTM standard[2], the goal of the Phase I ESA is to identify recognized site environmental conditions which may suggest or indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws.[3]

The purpose of a Phase I ESA is to assist the owner, purchaser or lender qualify for the innocent landowner defense by providing reliable, early information on the environmental condition of the property and the possible need for additional evaluations and investigations, referred to as a Phase II. For reference purposes, Phase I involves non intrusive investigation methods which are designed to identify the most common contamination sources and conditions while the Phase II is designed to verify the presence, or absence of the contamination and characterize the nature and extent of the contamination using the Phase I findings. Phase III covers the actual site mitigation and/or remediation (cleanup) based on the information derived in the Phase II investigation.

A Phase I ESA entails non intrusive research to identify areas of potentially significant liability for the current or prospective owner or operator. The conditions identified in the Phase I which suggest possible onsite contamination are described in the Phase I ESA report and the client is notified that further investigations may be warranted to confirm the existence, or absence, of the suspected contamination. Therefore, one of the primary purposes of the Phase I ESA is to evaluate the need for more intrusive Phase II investigations.

The Phase I findings and recommendations reflect the professional judgments made by the assessment team based on observations of the site and a thorough review of available agency and other historical records. The Phase I Environmental Site Assessment conducted at this property has been performed to meet the ASTM 1527-13 standard.

1.4 Special Terms and Conditions

The lead and asbestos containing material(s) conditions of the properties were limited to general observations of the Subject Site conditions and is not considered in this Phase I ESA as LBP or ACM surveys. The Subject Site was a vacant lot at the time of the Phase I ESA inspection.

1.5 Environmental Site Assessment Limitations and Exceptions

Consistent with customary Phase I practice and the ASTM 2013 standard, the subject property environmental assessment included a preliminary site walk inspection, but the potential presence of lead or contamination in the groundwater, nor was the quality of the property's drinking water evaluated in this Phase I environmental site assessment. No land survey of the property was made by ENCON or environmental liens or restriction were researched or presented in this Phase I ESA. Any statement of dimensions, capacities, quantities or distances should be considered as approximate in this assessment and the report.

ENCON assumed that there are no hidden, or latent environmental conditions or defects in or of the property, subsoil, structures, other than those noted herein. No responsibility for such conditions or for their repair is assumed by ENCON. In addition, information, estimates, and opinion furnished to ENCON and contained in this report were assumed to be provided from reliable sources believed to be true and correct. Therefore, ENCON assumes no further responsibility for the accuracy of this information since no independent investigation was conducted to substantiate this information.

A Phase I Environmental Site Assessment is not an audit. Although such a compliance audit may sometimes be useful in connection with step-out/step-in or acquisition of a commercial or industrial property, an audit involves an extensive review and scrutiny or current and past records as well as a more expanded agency review effort.

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[1] CERCLA 42USC9601(35)(B)

[2] Standard Practice ASTM E-1527-13, page 1

[3] Phase I ESA Scope, Section 6.0, page 11

[4] Phase I ESA Report Preparation, Section 11.0, page 37

2.0 SITE DESCRIPTION

2.1 Legal Site Description

The Subject Site is comprised of three (3) contiguous parcels with assessor parcel numbers (APNs) 8556-022-906, 8556-022-907 and 8556-022-908, with a total lot area of approximately 24,199 square feet. Refer to Exhibit A for legal property descriptions and Figure 2 for Site Map. The Subject Site is located within a mixed commercial, industrial and residential area in the City of Baldwin Park, California, north of the 10 Freeway and east of the 605 Freeway, on Garvey Avenue and Frazier Street.

2.2 Subject Site Usage

Based on the EDR City Directory Historical Tenant Report Survey, the Subject Site was reported to operate in the following manner. Refer to Exhibit B for Historical Tenant Report.

13057 Garvey Avenue

Year	Tenant	Source
2018	Vacant lot	ENCON Inspection
2014	Classified Private Security	EDR Digital Archive
2010	Classified Private Security	EDR Digital Archive
2003	Emil Ayad	Haines & Company
1995	Quality Striping	Pacific Bell
1980	Archie A Cowan Engineering, Inc.	Pacific Telephone
	Garvey Avenue, Baldwin Park	
	CW Engineering, Inc.	Pacific Telephone
	Garvey Avenue, Baldwin Park	
1975	Light Glass Company	Pacific Telephone
	Pacific Interiors	Pacific Telephone
	T-P Acoustics	Pacific Telephone
	Tile Partition Company	Pacific Telephone

13061 Garvey Avenue

Year	Tenant	Source
2018	Vacant lot	ENCON Inspection
1985	Franco Antonio	Pacific Bell
1975	Vigil Ricardo	Pacific Telephone

13063 Garvey Avenue

Year	Tenant	Source
2018	Vacant lot	ENCON Inspection
1975	Bell Williams	Pacific Telephone

13065 Garvey Avenue

Year	Tenant	Source
2018	Vacant lot	ENCON Inspection
2003	Chip Allan	Haines & Company
	Ledesma Mana Elena	Haines & Company
1980	Hipolito Hector	Pacific Telephone
	Garvey Ave, Baldwin Park	
1975	Cherie K Sheets	Pacific Telephone

2.3 Site Plan

A site plan of the present general layout of the Subject Site is shown in Figure 2.

3.0 HISTORICAL SITE RESEARCH AND USAGE

3.1 Historical Site Usage Overview

The State and local CUPA regulatory agency files were reviewed for the Subject Site from the Los Angeles County Department of Public Works (LA DPW), State Regional Water Quality Control Board, South Coast Air Quality Management District (AQMD), and the Department of Toxic Substances Control (DTSC). Refer to Exhibit C for government file review reports. In addition, the public record reports and documents requested from EDR included: Sanborn Maps and Aerial Photographs, which were also reviewed by ENCON. Refer to Exhibit B for EDR historical records. These files and documents are presented in the following sections.

3.2 Los Angeles County Department of Public Works File Review

Permit files were reviewed for the Subject Site through County Los Angeles Department of Public Works (LA DPW) records. Based on ENCON's review of the available files, no records were available pertaining to underground storage tanks (UST) at the Site. Refer to Exhibit C for record review files.

3.3 CalEPA Geotracker and DTSC Envirostor File Review

The Subject Site properties were not reported on any State regulatory list as a LUST, permitted UST facility, or DTSC Cleanup site on Geotracker or Envirostor public files.

3.4 South Coast Air Quality Management District Permit File Review

Permit files were reviewed for the Subject Site through South Coast Air Quality Management District's (AQMD's) Facility Information Detail (FIND) database. No air emission permits were located for the Subject Site.

3.5 Department of Toxic Substances Control Hazardous Waste Records Review

The historical hazardous waste disposal records were requested from the State of California EPA Department of Toxic Substances Control (DTSC) for the Subject Site. No hazardous waste disposal records were found for the Subject Site.

3.6 Certified Sanborn Map Report Summary

A Certified Sanborn Map Report was prepared on February 26, 2019 by EDR. The Sanborn Library was searched by EDR and maps covering the Subject Site and the neighboring properties. No Sanborn Maps were located for the Subject Site.

3.7 Historical Aerial Photo Review

The EDR Historical Aerial Photo Package is a screening tool designed to assist the environmental professional in evaluating the targeted and neighboring properties over the period of 1928 through 2016. Refer to Exhibit B for aerial photos for 1928, 1938, 1948, 1952, 1964, 1977, 1979, 1983, 1989, 1990, 1994, 2002, 2005, 2009, 2012 and 2016. The following observations were made from the aerial photos:

1928 – The Subject Site is vacant land and the surrounding properties are vacant land as well, with some possible orchards.

1938 – The Subject Site remains vacant land. The surrounding area shows signs of development, although the surrounding properties remain mostly orchards.

1948 to 1952 – The Subject Site is vacant land. The surrounding properties appear to be developed to commercial and residential uses.

1964 – The Subject Site appears to have been developed to a multi-tenant commercial property. The surrounding properties remain commercial and residential in nature.

1977 to 2009 – The Subject Site remains about the same as a commercial property. The surrounding properties remain commercial and residential in nature.

2012 to 2016 – The Subject Site appears to be vacant land, similar to the conditions present today, in 2019. The surrounding area remains commercial and residential in nature.

4.0 ENVIRONMENTAL SETTING

The Subject Site is located within an area of low topographic relief within the southern central San Gabriel Valley. Walnut Creek is located approximately 0.25 miles south of the site and the San Gabriel River channel is situated approximately 0.5 miles west. The San Gabriel Valley is situated northeast of the Los Angeles Basin and is bounded by the San Gabriel Mountains to the north, the San Jose Hills to the east, the Puente Hills to the south and the Repetto and Merced Hills to the west. The Subject Site is flat and lies at an elevation of approximately 310 feet above mean sea level (aMSL) (U.S. Geological Survey, photo revised 1981).

Surficial deposits in the vicinity of the Site consist predominately of Recent alluvial sediments composed predominantly of sands, silts and clay. During a subsurface investigation for a neighboring facility, fluvial deposits consisting of sand with minor components of silt and clay were encountered to the total depth explored (approximately 26 feet below grade surface (bgs)).

Groundwater in the vicinity of the Subject Site is designated as having beneficial use. The nearest municipal groundwater production well is Well No. 2993W which is located approximately 0.5 miles west of the Site along the bank of the San Gabriel River. Depth to water was approximately 74.7 feet when measured on April 14, 2005. Information obtained from the State of California, Department of Water Resources, Bulletin 104-2 Planned Utilization of Ground Water Basins, San Gabriel Valley, indicated that groundwater may be encountered at approximately 75 feet bgs. This information is based on depth to groundwater in wells monitored during fall of 1960. (WGR Southwest, Inc., 2006).

Groundwater was not encountered during ENCON's investigation to a depth of approximately 20 feet below surface grade.

5.0 INFORMATION FROM SITE RECONNAISSANCE

5.1 General Site Walk Description

A site walk was conducted by G. Joseph Scatoloni, REA II and Senior Environmental Engineer, on March 7, 2019. The property was made available by the Mr. Victor Viramontes, Project Client Representative. See Attachment A for photos taken during site walk.

5.2 Environmental Field Reconnaissance

Property Address:	13057-13065 Garvey Avenue
City:	Baldwin Park
County:	Los Angeles
State:	California 91706
Prepared for:	City of Baldwin Park (Project Client)
Property Is:	_x_ Vacant land, _x_ Vacant property, ____ Improved, ____ Occupied
Type Is:	____ Residential, _x_ Commercial, ____ Industrial (light),

GENERAL FIELD OBSERVATIONS

Were there any physical signs of the following observed on the subject property?

Use: yes, no or none, unknown (UK).

No	Underground Storage Tanks (USTs)?
No	Evidence of former USTs?
No	Above Ground Tanks (ASTs)?
No	Vent Pipes?
No	Fill Ports?
None	Water wells, monitoring wells, or borings?
No	55-Gallon drums containing hazardous materials?
No	Containers?
None	Paint spray booths or painting enclosures

Yes	Open trash?

During the site inspection, ENCON noted discarded trash and dirt piles along the northern property line. Refer to Attachment A for site photos.

No	Discarded batteries?
No	3-Stage clarifier?

No	Septic tank?
No	Streams, Lakes or ponds?
No	Pits, ponds or lagoons for waste treatment or storage
No	Oil stained soil, concrete, or drains?
No	Chemically etched and damaged concrete?
No	Poor surface conditions, asphalt or concrete?
No	Chemical odors detected?
No	Vegetation damage, showing distressed or dying vegetation?
No	Oily sheen on water in sumps,
None	Uneven settling or unexplainable grade changes?
No	Abandoned pits, ponds, or lagoons?
No	Old electric transformers, electric devices, light ballasts or hydraulic fixtures?
None	Pesticide or herbicide containers, or any noticeable pesticide odors?
No	Suspected Lead Paint Hazard?
No	Suspected Asbestos Containing Material (ACM)?
None	Visual Signs of Mold and/or Water Damage
NA	Radon Screening Been Conducted?
	If so, Explain.

NEIGHBORING AND ADJACENT PROPERTIES

Yes	Any evidence of neighboring adjacent properties engaged in storing, transporting or producing waste, chemicals or hazardous materials?
Yes	Any activities of adjacent properties may pose potential environmental risks to the subject property?
No	Adjoining or close proximity neighboring properties used as a gasoline station, motor repair, commercial printing, dry cleaner, photo developing lab or landfill?

Yes – The facility located immediately adjacent to the west of the Subject Site is currently operated as an automotive repair facility. Historically, this adjacent property was operated as a gasoline fueling station, including the use of three (3) underground storage tanks (USTs), as reported by the Department of Public Works (DPW). One (1) of the USTs is described as a 6,000-gallon unleaded motor fuel tank, one (1) is described as a 6,000 gallon regular motor fuel tank, and the third tank is described as a 100 gallon waste oil tank. Two (2) of the USTs were reportedly closed and one (1) of the USTs was reportedly removed. Refer to Exhibit C for additional information.

Both the current automotive repair operation and historical use of the off-site adjacent as a fueling station involve the use and storage of hazardous materials and is considered an off-site vapor encroachment concern (VEC) to the Subject Site property. Therefore, additional investigation is warranted to further define the VEC risk to the Subject Site.

6.0 REGULATORY GOVERNMENT AGENCY RESEARCH

6.1 Database Information Research Method and Approach

ENCON contracted with Environmental Data Resources (EDR) to review databases maintained by the federal, state, and local regulatory agencies for the Subject Site located at 13057-13065 Garvey Avenue in Baldwin Park, California. This review was designed to identify facilities and properties recently or currently under investigation for environmental contamination within a specific radius of the subject site. Additionally, this search noted any reported hazardous waste sites, landfills, Superfund sites, or businesses generating or treating hazardous wastes within the radius area. Finally, records of spills and other types of releases of hazardous materials were reviewed for properties within a smaller radius. Refer to Exhibit D for government file research reports.

ENCON does not assert to the completeness or accuracy of the database report. ENCON's review is therefore only as current and accurate as that provided in the database report and this may not cover all known or potentially hazardous waste or contaminated sites. Further, there may be errors in the data base information reported for a site resulting from several different operations involved in processing the search. These errors could result in a site being included in the database due to a similar street name as a street within the search radius, when in fact the site is outside the search distance for the report. Additionally, a site within the search area may be omitted resulting from errors in the data entry phase of the search process. While ENCON does periodically spot check review the database reports against other available information from other agencies and field inspections to improve quality assurance and control, the accuracy and completeness of each report cannot be guaranteed by ENCON.

Therefore, the following information is a tabulation and interpretation of this provided in data, based on a careful evaluation of the database reports, maps, knowledge of the area and region, and professional judgment about the potential environmental conditions. A complete copy of the regulatory agency database search report is provided in this report, refer to Exhibit D. The site information map, contained in the database report, illustrates the location of the subject site relative to the listed properties that are discussed and reviewed in the following section.

In each case, the radius distance from the subject site was chosen based on the potential hazard that identified neighboring properties could pose to the subject property, the type of information provided, and the extent of overlap with other, more extensive databases. The resulting database search provided information that meets or exceeds the ASTM requirements. The data of the most recent update for each database is noted parenthetically below, following a description of the database. The name, address, status, and distance from the subject site for each site identified by the database are also given.

The results are organized by listings cited that were identified on a particular database. Since some of the sites appear on more than one database, these sites may be listed more than once. A summary of the environmental conditions of these sites are described below and in the following manner; according to closest proximity to the subject site and the topographic gradient (up-gradient, cross-gradient, and down-gradient). The subject site is summarized initially followed by the adjacent sites. The database detailed information is provided in Exhibit D and specific page number is noted in the following summary sheets for reference purposes.

This information is presented to aid in the assessment of potential impact to the subject site from groundwater contamination. This groundwater information is based on the best available hydrogeology data and that the direction of groundwater flow in the shallow aquifer generally follows the topography in the general area.

6.2 Subject Site Findings

The government record review for the Subject Site confirmed that the Site was not listed on the government environmental database for reported hazardous chemical material or waste uses or releases to the environment or regulatory corrective actions. Therefore, there is no indication that any Recognized Environmental Conditions (RECs) exist from the current vacant land and historical multi-tenant commercial building operations, and no further investigations are required for the Subject Site usage. Refer Exhibit D for the EDR Radius Map Report.

6.3 Adjacent Properties Summary of Findings Brief

Based on a review of the EDR Radius Map for potential environmental risk sites within 1/8 mile of the Subject Site, there are four (4) neighboring facilities listed with regulatory cleanup actions resulting from unauthorized releases of hazardous materials that may pose a risk to the subject property. The list includes, but is not limited to, Historical UST sties, Historical Automotive sites, Leaking Underground Storage Tank (LUST) sites, and small quantity generators of hazardous materials (RCRA-SQG).

Upon further review of these four (4) facilities, only one (1) property is located immediately adjacent to the Subject Site, located at 3026 North Frazier Road. This facility is listed as a SWEEPS UST, Historical UST and an EDR Historical Automotive Site. In addition, the facility is currently operated as an automotive repair facility. Historically, this adjacent property was operated as a gasoline fueling station, including the use of three (3) underground storage tanks (USTs), as reported by the Department of Public Works (DPW). One (1) of the USTs is described as a 6,000-gallon unleaded motor fuel tank, one (1) is described as a 6,000 gallon regular motor fuel tank, and the third tank is described as a 100 gallon waste oil tank. Two (2) of the USTs were reportedly closed and one (1) of the USTs was reportedly removed.

Both the current automotive repair operation and historical use of the off-site adjacent as a fueling station involve the use and storage of hazardous materials and is considered an off-site vapor encroachment concern (VEC) to the Subject Site property. Therefore, additional investigation is warranted to further define the VEC risk to the Subject Site.

7.0 PHASE I ESA CONCLUSIONS AND RECOMMENDATIONS

In conducting the Phase I ESA, ENCON completed the review of local and regional government environmental records, historical tenant survey, site reconnaissance by an environmental professional, and an evaluation of the evidence collected during the site assessment. ENCON performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for the Subject Site properties located at 13057-10365 Garvey Avenue in Baldwin Park, California. Any exceptions to or deletions from this practice are described in this Phase I ESA Report.

Based on the Phase I ESA file review and field inspections, the following Recognized Environmental Concern (REC) and potential area of environmental concern (AOC) was identified at the Subject Site:

4. **REC #01 – Migration of Waste Oil and Gasoline Constituents.** Based on the historical use of this site as a fueling station involving the use and storage of hazardous materials immediately adjacent to the Subject Site, there is a potential for the waste oil and gasoline constituents to migrate onto the Subject Site from potential leaks and spills at the off-site adjacent property. The chemicals of concern are total petroleum hydrocarbons in the gasoline range (TPHg) and fuel additives and by-products (BTEX and Oxygenates).
5. **REC #02 – Miscellaneous Debris Disposal.** Due to the Subject Site being a vacant lot, there was evidence of poor housekeeping and miscellaneous trash disposal at the Subject Site. Due to the availability of access to the Subject Site for various and unmonitored disposal, additional investigation was warranted to confirm the presence or absence of any chemicals of concern (COC). The COCs in this area are total petroleum hydrocarbons in the waste oil range (TPHo), metals and volatile organic compounds (VOCs).
6. **REC #03 – Vapor Encroachment Concern (VEC).** Based on the current automotive repair operations performed at the western adjacent facility and historical use of this site as a fueling station involving the use and storage of hazardous materials immediately adjacent to the Subject Site, there is a potential for vapor encroachment which may impact the future development of the Subject Site. The chemicals of concern are volatile organic compounds (VOCs).

Based on ENCON's Phase I ESA findings, recommendations and the identified RECs listed above, a Phase II ESA subsurface soil and soil gas investigation was recommended to confirm the presence, or absence, of chemical releases that may have adversely affected the Subject Site or limit the use of the property from these identified RECs. The Phase II ESA Investigation will address both the threat to State groundwater and the vapor intrusion threat to the Subject Site from volatile organic automotive chemicals and petroleum hydrocarbons in the waste oil and gasoline hydrocarbon ranges.

8.0 EXPLORATORY SOIL AND SOIL GAS PHASE II INVESTIGATION

8.1 Introduction

Based on the Phase I ESA performed by ENCON, three (3) Recognized Environmental Conditions (RECs) were identified at the Subject Site, as detailed above. These RECs pose a potential environmental risk to the Subject Site, requiring further investigation. Based on these identified RECs, ENCON developed a Phase II ESA Sampling and Analysis Plan (SAP) to determine whether hazardous chemicals used in the current off-site adjacent automotive repair operations, or in the historical fueling operations have adversely affected the Subject Site environmental site conditions. Refer to Figure 2 for Site Map and Sampling Plan.

8.2 Phase II ESA Investigation Sampling and Analysis

8.2.1 Sampling and Analysis Plan

The SAP was developed to address the subsurface soil and soil vapor site conditions associated with the identified RECs and potential areas of concern (AOCs), to define risk to the environment and occupants of the subject property. The constituents of concern in these areas include metals, petroleum hydrocarbons, and volatile organic compound (VOC) automotive fuel additives and auto parts cleaning solvents. The Phase II ESA Subsurface Soil and Soil Gas Investigation scope of work includes the following tasks:

4. **REC #01 – Migration of Waste Oil and Gasoline Constituents.** ENCON advanced three (3) soil borings to a depth of 20 feet below grade surface (bgs) (SB1, SB2 and SB3) using a truck mounted Geoprobe drill rig. Soil samples were collected at 20 feet bgs in these sampling locations.
5. **REC #02 – Miscellaneous Debris Disposal.** ENCON advanced three (3) soil borings to a depth of 3 feet below grade surface (bgs) (SD1, SD2 and SD3) using a truck mounted Geoprobe drill rig. Soil samples were collected at 3 feet bgs in these sampling locations.
6. **REC #03 – Vapor Encroachment Concern (VEC).** ENCON advanced three (3) dual nested soil gas borings (SV1, SV2 and SV3) at the Subject Site to a total depth of 15 feet bgs and collected soil gas samples at 5 feet and 15 feet bgs. In addition, ENCON advanced two (5) additional soil gas borings (SV4 and SV5) to a depth of 5 feet bgs and collected soil gas samples at 5 feet bgs.

ENCON submitted six (6) soil samples and eight (8) soil gas samples for analysis using proper chain-of-custody procedures to a State certified analytical laboratory and analyzed representative samples for total petroleum hydrocarbons in the waste oil range (TPHo) and the gasoline range (TPHg) using EPA Method 8015M, fuel additives (BTEX and oxygenates) using EPA Method 8260B, metals using EPA Method 6010, and volatile organic compounds using EPA Method 8260B, in order to address RECs identified at the Subject Site. The analytical laboratory data report is provided in Exhibit E and the data is summarized in this report.

8.2.2 Sampling Plan and Boring Locations

Prior to field drilling, ENCON marked each boring location and the Subject Site utilities were surveyed and cleared using US Dig Alert. The boring locations may be adjusted in this pre drilling period to ensure safety and proper clearances.

Geoprobe sampling locations were selected based on the results of the historical review of the available documents and the areas targeted of hazardous materials storage or usage. The sampling was conducted primarily to evaluate areas where hazardous materials were used and/or released at the Subject Site.

The soil boring data evaluated in this Phase II ESA investigation consists of the following targeted areas. Refer to Figure 2 for Sampling Location Map.

Site Area Description	Boring IDs	Sampling Depth (Feet bgs)	Analyses
REC #01 – Migration of Waste Oil and Gasoline Constituents.	SB1, SB2 and SB3	20 feet	TPH-Gasoline using EPA Method 8015M, and Fuel Additive, BTEX and Oxygenates using EPA Method 8260.
REC #02 – Miscellaneous Debris Disposal.	SD1, SD2 and SD3	3 feet	TPH-Oil using EPA Method 8015M, VOCs using EPA Method 8260, and Metals using EPA Method 6010.

The soil gas boring data evaluated in this Phase II ESA investigation consists of the following targeted areas:

Site Area Description	Boring IDs	Sampling Depth (Feet bgs)	Analyses
REC#03 – Vapor Encroachment Concern (VEC)	SV1, SV2 and SV3	5 feet and 15 feet	VOCs using EPA Method 8260B.
	SV4 and SV5	5 feet	VOCs using EPA Method 8260B.

8.2.3 Drilling, Soil Sampling and Field Methods

Six (6) exploratory soil borings (SB1, SB2, SB3, SD1, SD2 and SD3) were advanced on March 26, 2019 as described above under the direction Mr. G. Joseph Scatoloni, ENCON Registered Environmental Professional. Soil borings SB1, SB2 and SB3 were advanced along the western property line, adjacent to the off-site automotive repair facility, to a depth of 20 feet bgs. SD1, SD2 and SD3 were advanced along the northern property line, in the vicinity of the miscellaneous debris at the Subject Site, to a depth of 3 feet bgs. All of the soil borings were advanced using a Geoprobe a truck mounted drill rig, and the soil samples were collected with a 1" diameter by 30-inch removable acetate liner from each sampling interval. Each liner was cut at both ends and the center 6" portion of the liner was capped on both ends with Teflon and plastic caps.

All sampling equipment was properly cleaned between sample intervals and boring locations. The sampling equipment was cleaned using a triple rinse decontamination process consisting of a phosphate free primary wash (Alconox or TSP), a secondary stage with a low pH water to reduce the likelihood cross-contamination (mild solution of nitric acid HN03), and a tertiary rinse using de-ionized water. Soil samples were visually inspected in the field for traces of contamination. Groundwater was not encountered during drilling.

Upon collection, all soil and surficial material samples were labeled, recorded on a chain-of-custody document, and placed in cold storage until delivered to a state-certified laboratory for analysis. Samples were collected in accordance with accepted EPA Sampling Protocol and handled according to standard EPA chain-of-custody procedures. No evidence of subsurface contamination odors or discoloration in soils was indicated in the borings or soil cuttings. No groundwater or saturated zones were encountered during the drilling at any depth. Soil boring locations are illustrated in Figure 2.

8.2.4 Drilling, Soil Gas Sampling and Field Methods

On March 26, 2019, three (3) dual nested soil gas probes (SV1, SV2 and SV3) and two (2) single nested soil gas probes (SV4 and SV5) were installed using a Geoprobe truck mounted drill rig. SV1, SV2 and SV3 were installed at a depth of 5 feet bgs and 15 feet bgs along the western property line and SV4 and SV5 were advanced to a depth of 5 feet bgs in the center of the Subject Site property. All of the soil gas probes consisted of an air diffuser connected to ¼" diameter polyethylene flex tubing that extended to above the grade surface for sampling. The space surrounding the diffusers was filled with fine sand and sealed to the near surface with bentonite chips and water treatment.

The soil gas sampling probes were allowed to equilibrate, and sampling was conducted by applying a vacuum and collecting vapor samples. After each probe was allowed to equalize, soil gas sample was extracted using a Xitech Model 1060H 1-Liter High Vac Bag Sampler vacuum pump and sampling box drawing air from the subsurface through the poly tubing and filling a Tedlar bag located inside the Sampler Box, upstream from the pump. The samples were collected after purging at least 7 pore volumes by the Field Technician.

8.2.5 Laboratory Analytical Analyses

Six (6) soil samples and eight (8) soil gas samples were collected and submitted to a California State certified laboratory for analyses using proper sampling and chain-of-custody procedures for the constituents of concern (COCs): total petroleum hydrocarbons in the waste oil range (TPHo) and the gasoline range (TPHg), fuel additives and by-products (BTEX / Oxygenates), metals and volatile organic compounds (VOCs). The soil and soil gas samples were analyzed for the COCs as follows:

1. **REC #01 – Migration of Waste Oil and Gasoline Constituents.** Three (3) soil samples were collected from each boring location, SB1, SB2 and SB3, at 20 feet bgs. The collected soil samples were submitted for analysis for TPHg using EPA Method 8015M and fuel additives and by-products (BTEX/Oxygenates) using EPA Method 8260.
2. **REC #02 – Miscellaneous Debris Disposal.** Three (3) soil samples were collected from each boring location, SD1, SD2 and SD3, at 3 feet bgs. The collected soil samples were submitted for analysis for TPHo using EPA Method 8015M VOCs using EPA Method 8260B and metals using EPA Method 6010.
3. **REC #03 – Vapor Encroachment Concern (VEC).** A total of eight (8) soil gas samples were collected from the soil gas locations (SV1, SV2, SV3, SV4 and SV5). Soil samples were collected from SV1, SV2 and SV3 at 5 feet and 15 feet bgs and from SV4 and SV5 at 5 feet bgs. The collected soil gas samples were submitted for analysis for VOCs using EPA Method 8260B.

The analytical laboratory reports are provided in Exhibit E for reference purposes, and the Sampling Plan is provided in Figure 2.

9.0 SUBSURFACE SOIL AND SOIL GAS INVESTIGATION RESULTS

9.1 Soil Sample Laboratory Results

Fourteen (14) soil samples were submitted to a State-Certified analytical laboratory, accredited under the Environmental ELAP for analysis. The soil results are summarized in Table 1, Table 2 and Table 3 below. The complete laboratory analytical reports are provided in Exhibit E for reference.

Table 1: REC #01 – Potential Migration of Waste Oil and Gasoline Constituents.

Sample ID	TPH-Gasoline (mg/kg)	Benzene B (ug/kg)	Toluene T (ug/kg)	Ethylbenzene E (ug/kg)	Xylenes X (ug/kg)	Other Fuel Additives (ug/kg)	Other Oxygenates (ug/kg)
SB1-20	ND	ND	ND	ND	ND	ND	ND
SB2-20	ND	ND	ND	ND	ND	ND	ND
SB3-20	ND	ND	ND	ND	ND	ND	ND
RL	**0.50**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	

Note:
ND – Not detected above laboratory reporting limits
RL – Laboratory reporting limit
TPH – Total petroleum hydrocarbons

Table 2: REC #02 – Miscellaneous Debris Disposal

Sample ID	TPH-Oil (mg/kg)	VOCs (ug/kg)	Metals (mg/kg)
SD1-3	ND	ND	**Normal See Table 3**
SD2-3	ND	ND	**Normal See Table 3**
SD3-3	ND	ND	**Normal See Table 3**
RL	**25.0**	**5.0**	**1.0**

Note:
ND – Not detected above laboratory reporting limits
RL – Laboratory reporting limit
TPH – Total Petroleum Hydrocarbons
VOCs – Volatile Organic Compounds

Table 3: Soil Sample Analytical Results CA Title 22 CAM Metals (mg/kg)

Sample ID	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Nickel	Vanadium	Zinc
SD1-3	ND	**114**	**15.9**	**8.15**	**19.9**	**0.658**	**13.0**	**25.0**	**37.1**
SD2-3	ND	**99.3**	**15.7**	**8.63**	**17.8**	ND	**12.5**	**27.6**	**40.2**
SD3-3	ND	**67.4**	**9.29**	**5.48**	**10.1**	ND	**7.75**	**17.6**	**27.0**
RL	**1.0**	**0.5**	**0.25**	**0.25**	**0.5**	**0.5**	**0.25**	**0.25**	**1.0**
School/Residential Tier 1 ESLs	**0.067**	15,000	100,000	23.0	3,100	**80**	820	390	23,000
Commercial Tier 1 ESLs	**0.310**	220,000	100,000	350	47,000	**320**	11,000	5,800	350,000
DTSC Background	**12.0**								

Note:
RL – Laboratory reporting Limit
DTSC Background – Arsenic Adjusted Background Concentration of 12 mg/kg was based on statistical study of sites throughout Southern California as reported by CalEPA DTSC. This arsenic concentration is used as a screening level for anthropogenic and naturally occurring levels of arsenic in soil in Southern California.

ENCON submitted six (6) soil samples to a California State certified laboratory, Eurofins CalScience, for analyses using proper sampling and chain-of-custody procedures for the constituents of concern: total petroleum hydrocarbons in the waste oil (TPHo) and gasoline (TPHg) ranges using EPA Method 8015M, fuel additives and by-products (BTEX / Oxygenates) using EPA Method 8260B, metals using EPA Method 6010/7000, and volatile organic compounds (VOCs) using EPA Method 8620B, in order to address the RECs identified at the Subject Site. All the data obtained from soil samples collected were below detection limits for the constituents of concern. In addition, all the regulated metals of concern soil data were within normal background ranges naturally occurring in soils throughout Southern California. Refer to Exhibit E for reference.

Based on the analytical results, the Subject Site is acceptable for commercial use and no further investigations are warranted at this time.

9.2 Soil Gas Sample Laboratory Results

Eight (8) soil gas samples were submitted to a State-Certified analytical laboratory, accredited under the Environmental ELAP for analysis. The soil gas results are summarized in Table 4 below, and complete laboratory analytical reports are provided in Exhibit E for reference.

Table 4: Soil Gas Sample Analytical Results – Vapor Encroachment Concerns

Sample ID	Boring Location	PCE (ug/L)	TCE (ug/L)	Cis-1,2-DCE (ug/L)	Trans-1,2-DCE (ug/L)	Vinyl Chloride (ug/L)	Other VOCs (ug/ L)
SV1-5	Northwestern property line	ND	ND	ND	ND	ND	ND
SV1-15	Northwestern property line	ND	ND	ND	ND	ND	ND
SV2-5	Central western property line	ND	ND	ND	ND	ND	ND
SV2-15	Central western property line	ND	ND	ND	ND	ND	ND
SV3-5	Southwestern property line	ND	ND	ND	ND	ND	ND
SV3-15	Southwestern property line	ND	ND	ND	ND	ND	ND
SV4-5	North center of property	ND	ND	ND	ND	ND	ND
SV5-5	South center of property	ND	ND	ND	ND	ND	ND
RL		**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**
Commercial / Industrial Soil Gas Screening Level (Tier 1 ESLs)		**2.1**	**3.0**	**35.0**	**350.0**	**0.16**	**--**
Residential Soil Gas Screening Level (Tier 1 ESLs)		**0.24**	**0.24**	**4.2**	**42.0**	**0.0047**	**--**

Note:
ND – Not detected above laboratory reporting limits
RL – Laboratory reporting limit

ENCON submitted eight (8) soil gas samples to a California State certified laboratory, C&E Laboratories, for analyses using proper sampling and chain-of-custody procedures. The soil gas samples were analyzed for organic and chlorinated solvent VOCs using EPA Method 8260B, in order to address RECs identified at the Subject Site. All the soil gas sample data obtained from shallow soils were below detection limits for volatile organic compounds (VOCs). Refer to Exhibit E for soil gas analytical results. Therefore, the soil gas analytical results confirm that the Subject Site has not been adversely affected by the current waste debris discarded at the Subject Site, nor by the off-site automotive repair operations and historical fueling operations performed at the western adjacent facility.

10.0 CONCLUSIONS AND RECOMMENDATIONS

The Phase II ESA investigation soil and soil gas investigation confirmed that all the three (3) Recognized Environmental Conditions (RECs) identified at the Subject Site were cleared of all environmental recognized conditions with no soil data that past or current uses of the Subject Property have adversely affected the Subject Site.

All the soil data obtained from shallow soils were found to be below detection limits for all the constituents tested for metals, petroleum hydrocarbons, and volatile organic compounds. In addition, all the soil samples were analyzed for metals and all the soil metal data were below detection limits or within normal background ranges naturally occurring in soils throughout Southern California.

ENCON submitted eight (8) soil gas samples to a California State certified laboratory, C&E Laboratories, for analysis for automotive gasoline and waste oil solvents. The soil gas samples were analyzed for organic and chlorinated solvent VOCs using EPA Method 8260B, in order to address RECs identified at the Subject Site. All the soil gas sample data were below detection limits for volatile organic compounds (VOCs). Therefore, the soil gas analytical results confirmed that the Subject Site has not been adversely affected by the current commercial use or the former gas station use of the adjacent property located at 3026 North Frazier Drive.

In addition, based on the soil data, the shallow soils in the vicinity of the recently removed waste debris stockpiles that were recently removed by the City of Baldwin Park, no contamination was found in the residual soils beneath the stockpile area and was confirmed to be not impacted by the former construction debris stockpiles.

Based on the analytical results, the Subject Site is acceptable for commercial/industrial use and no further investigations are warranted at this time.

10.0 REPORT PREPARATION AND LIMITATIONS

This report was prepared for the exclusive use of City of Baldwin Park, Project Client, as it pertains to the Subject Site properties located at 13057-13065 Garvey Avenue in Baldwin Park, California (Subject Site). The findings, conclusions and recommendations presented in this report were based upon the Phase I ESA and Phase II ESA site assessment and subsurface soil and soil gas investigation performed by ENCON Technologies, Inc.

The consultant makes no guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation. Additional information which was not available to Consultant at the time of writing the Report may result in a modification of the conclusions and recommendations presented.

The Services performed by the Consultant have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. This report is not a legal may under certain circumstances be prepared at the direction of counsel, may be in anticipation of litigation, and may be classified as an attorney client communication or as an attorney-work product.

The findings in this report are based on field observations and analytical data provided by an independent laboratory. Interpretations of the subsurface conditions at the site were made from these observations and data as well as limited number of data points from soil borings. Subsurface conditions may vary from these data points.

If there are any questions regarding soil sample collection or soil analysis, please contact Joseph Scatoloni, Project Manager at (562) 777-2200.

Respectfully submitted by,

ENCON Technologies Inc.

G. Joseph Scatoloni, ENCON Principal
Senior Remedial Engineer & Project Manager

Thomas D. Smith,
California Professional Geologist, #8379

PROFESSIONAL GEOLOGIST
THOMAS DONALD SMITH
No.8379
STATE OF CALIFORNIA

Expires June 30, 2020

ATTACHMENTS:

Attachment A Site Walk Photos

Photo #01: Subject Site viewed west

Photo #04: Stockpiles located on northern end of Site.

Photo #02: Subject Site viewed east

Photo #05: Stockpiles located on northern end of Site.

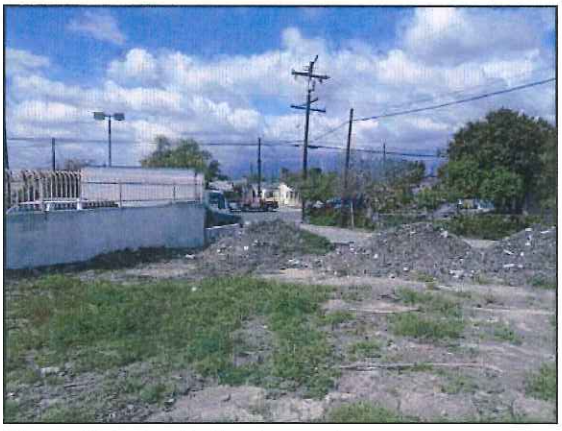


Photo #03: Stockpiles located on northern end of Site.

Photo #06: Subject Site viewed northeast.

Photo #07: Subject Site viewed east.

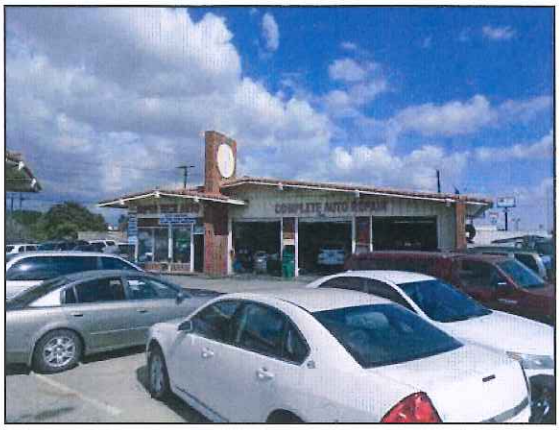


Photo #10: Adjacent automotive repair facility, west of Subject Site.

Photo #08: Neighboring residential homes, north of Subject Site.

Photo #11: Adjacent automotive repair facility, west of Subject Site.

Photo #09: Adjacent automotive repair facility, west of Subject Site.

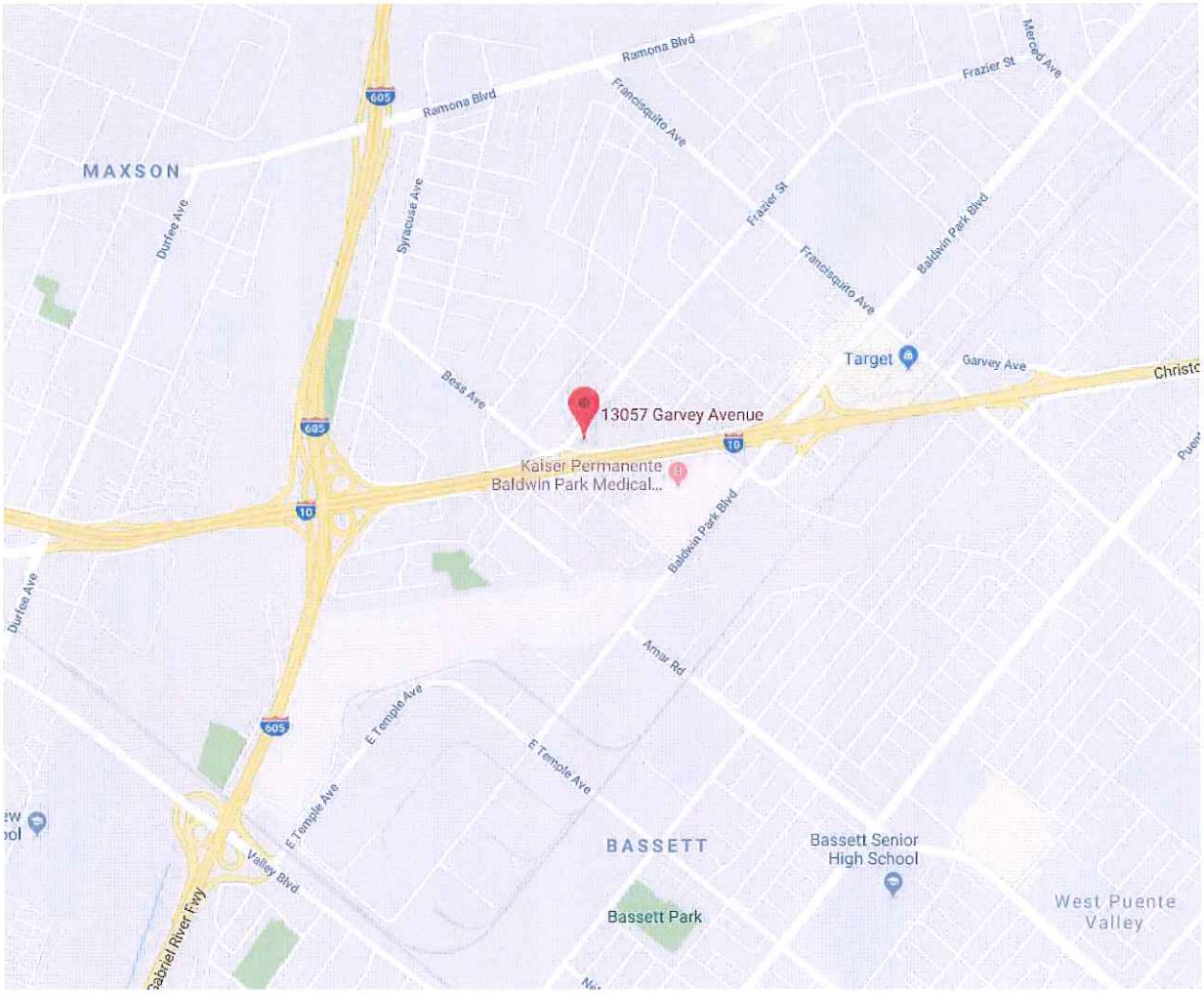
Photo #12: Adjacent office facility, east of Subject Site.

Photo #13: Southern access to Subject Site, from Garvey Avenue, viewed east.

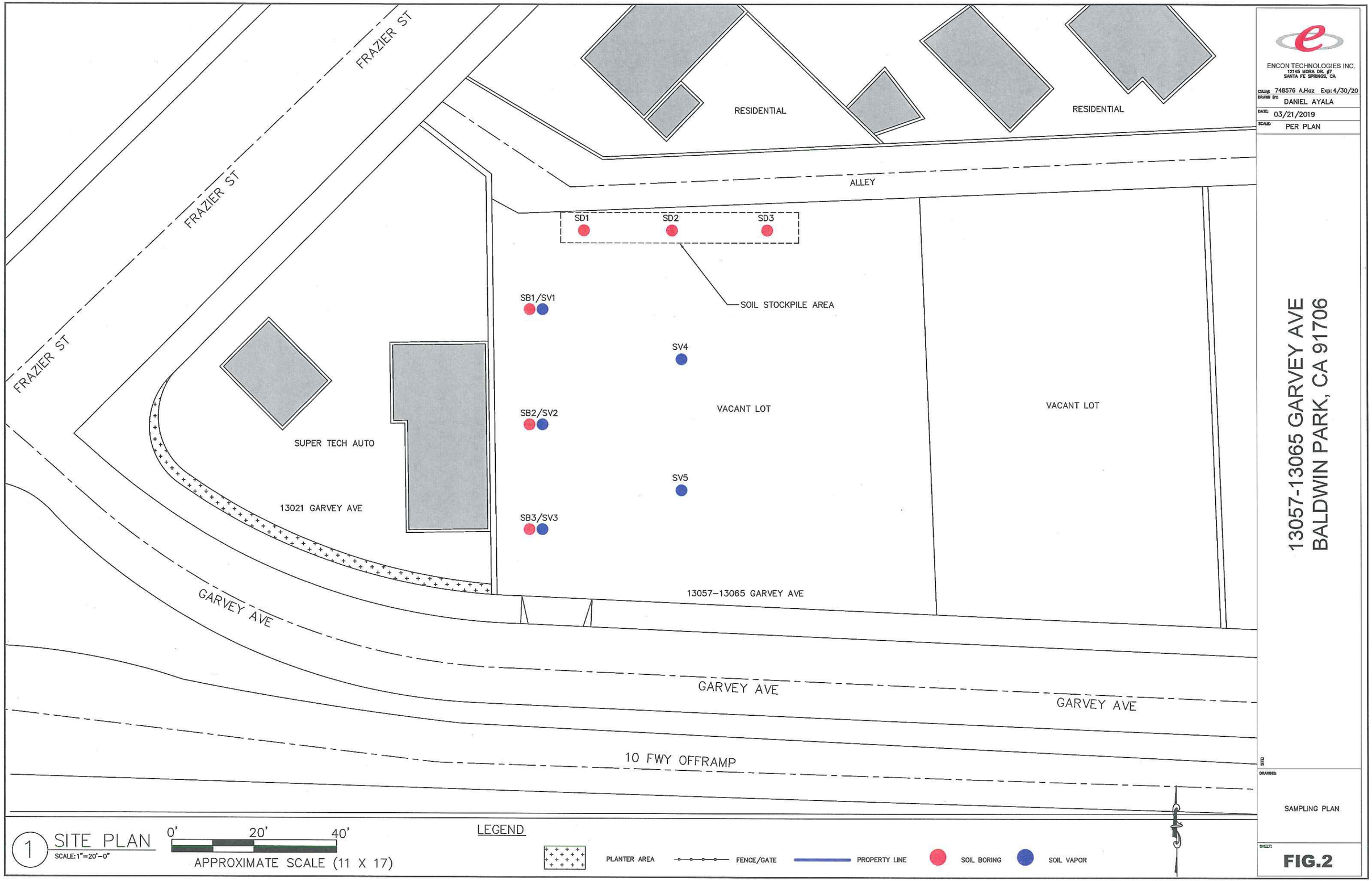
Photo #14: Northern access to Subject Site, viewed east.

FIGURES:

Figure 1 Site Vicinity Map
Figure 2 Site Map with Boring Locations



ENCON **Technologies, Inc.** *12145 Mora Drive, Suite 7* *Santa Fe Springs, CA 90670*	***Site Vicinity Map*** ***13057-13065 Garvey Avenue*** ***Baldwin Park, California***	**LEGEND** Subject Site Boundary Lines North *Scale: NA* **April 5, 2019** **FIGURE 1**



ENCON TECHNOLOGIES INC.
12145 MORA DR. #7
SANTA FE SPRINGS, CA

LICENSE: 748576 A,Haz Exp: 4/30/20
DRAWN BY: DANIEL AYALA
DATE: 03/21/2019
SCALE: PER PLAN

13057-13065 GARVEY AVE
BALDWIN PARK, CA 91706

DRAWING: SAMPLING PLAN

SHEET: **FIG.2**

Exhibit A

Property Legal Description

Property Address:

13057 Garvey Ave
Baldwin Park, CA 91706

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First American

myFirstAm® **Property Profile** **13057 Garvey Ave, Baldwin Park, CA 91706**

Property Information

Owner(s):	State Of California	**Mailing Address:**	100 S Main St #Ms6, Los Angeles, CA 90012
Owner Phone:	Unknown	**Property Address:**	13057 Garvey Ave, Baldwin Park, CA 91706
Vesting Type:	N/A	**Alt. APN:**	
County:	Los Angeles	**APN:**	8556-022-906
Map Coord:		**Census Tract:**	404702
Lot#:	8, 9	**Block:**	
Subdivision:	13211	**Tract:**	13211
Legal:	Tr=13211 E 10 Ft Ex Of St Of Lot 8 And Ex Of St Lot 9		

Property Characteristics

Use:	Store Building	**Year Built / Eff. :**	1953 / 1956	**Sq. Ft. :**	1715
Zoning:	BPCM*	**Lot Size Ac / Sq Ft:**	0.208 / 9058	**# of Units:**	1
Stories:	1	**Improvements:**		**Parking / #:**	/
Gross Area:	1715	**Garage Area :**		**Basement Area:**	

Sale and Loan Information

Sale / Rec Date:		***$/Sq. Ft.:**	**2nd Mtg.:**
Sale Price:		**1st Loan:**	**Prior Sale Amt:**
Doc No.:		**Loan Type:**	**Prior Sale Date:**
Doc Type:		**Transfer Date:**	**Prior Doc No.:**
Seller:		**Lender:**	**Prior Doc Type:**

*$/Sq.Ft. is a calculation of Sale Price divided by Sq.Feet.

Tax Information

Imp Value:		**Exemption Type:**	
Land Value:	$121,448	**Tax Year / Area:**	/ 2-152
Total Value:	$121,448	**Tax Value:**	
Total Tax Amt:		**Improved:**	

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First American

myFirstAm® **Transaction History** **13057 Garvey Ave, Baldwin Park, CA 91706**

Transaction History provides records for the past ten years. To request additional information, please contact your local Sales Representative, Customer Service Department, or for an additional fee you may **click here** .

History Record # 1 : FINANCE

Mortgage Recording Date:	03/07/2008	**Mortgage Transfer Type:**	Refinance
Mortgage Document #:	396386	**Mortgage Rate Type:**	Fix
Lender:	Interbay Funding Llc	**Mortgage Term:**	
Document Type	Trust Deed/Mortgage	**Vesting Type:**	N/A
Loan Amount:	$234,000	**Mortgage Rate:**	
Borrower 1:	Ayad Ana B	**Borrower 2:**	Ayad Emil
Borrower 3:		**Borrower 4:**	

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First American

myFirstAm® **Comparable Sales** 13057 Garvey Ave, Baldwin Park, CA 91706

Subject Property

	APN	Property Address	Sale Price	Year Built	Sq. Ft.	Rec. Date	Dist. from Subj.
	8556-022-906	13057 Garvey Ave, Baldwin Park, CA 91706		1953	1715		

Comparable Sales

A.	8552-015-060	13720 Ramona BLVD , Baldwin Park, CA 91706	$208,000	1955	1811	08/29/2003	1.42 mi
B.	8106-003-023	12086 Valley BLVD , El Monte, CA 91732	$240,000	1937	1520	01/22/1991	1.62 mi
C.	8112-018-023	505 Workman Mill RD , La Puente, CA 91746	$470,000	1966	1540	03/01/2011	1.87 mi
D.	8553-010-002	14238 Ramona BLVD , Baldwin Park, CA 91706	$190,000	1940	1728	09/29/2000	1.97 mi
E.	8569-021-046	4301 Peck RD , El Monte, CA 91732	$250,000	1964	1579	10/08/1999	1.98 mi
F.	8569-021-060	4381 Peck RD , El Monte, CA 91732	$170,000	1947	1600	05/29/2001	2.01 mi
G.	8554-011-002	14511 Pacific AVE , Baldwin Park, CA 91706	$850,000	1960	1800	06/27/2018	2.13 mi
H.	8544-020-013	4115 Maine AVE , Baldwin Park, CA 91706	$65,000	1930	1500	04/05/1999	2.16 mi
I.	8538-014-023	5207 Peck RD , El Monte, CA 91732	$357,000	1959	1902	11/30/1989	2.42 mi
J.	8543-025-048	4451 Maine AVE , Baldwin Park, CA 91706	$45,000	1997	1743	06/14/1984	2.47 mi
K.	8579-024-014	10956 Valley MALL , El Monte, CA 91731	$475,000	1923	1761	08/23/2006	2.70 mi
L.	8437-015-006	15024 Ramona BLVD , Baldwin Park, CA 91706	$260,000	1954	1715	05/16/2017	2.72 mi
M.	8580-027-010	10905 Garvey AVE , El Monte, CA 91733	$350,000	1953	1700	02/21/2006	2.78 mi
N.	8579-025-004	10906 Valley MALL , El Monte, CA 91731	$300,000	1941	1780	02/12/1988	2.79 mi
O.	8113-020-027	1802 Burkett RD , South El Monte, CA 91733	$650,000	1947	1650	02/12/2018	2.93 mi

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Comparable Statistics

	Average :	Low :	High :
Sale Price:	$325,333	$45,000	$850,000
Loan Amount:	$202,986	$148,400	$332,500
Sq. Ft.:	1689	1500	1902
Sale $ / Sq. Ft.*:	$193	$30	$447

*$/Sq.Ft. is a calculation of Sale Price divided by Sq.Ft.

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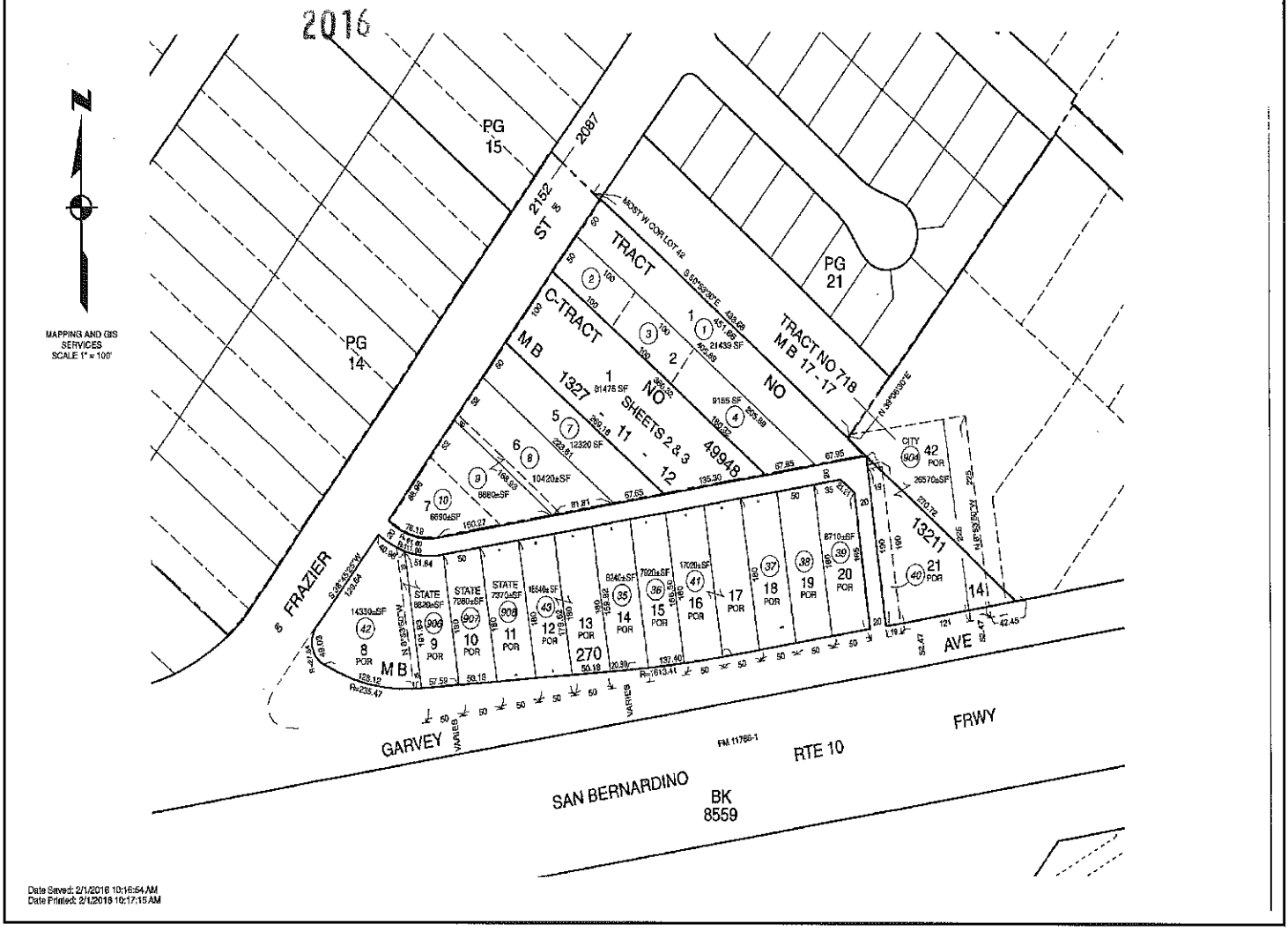
First American

myFirstAm® **Tax Map** **13057 Garvey Ave, Baldwin Park, CA 91706**

8556	22 SHEET 1	P.A. 8551-15-16	TRA 2087 2152	REVISED 19931108100031001-06 20070207050040001-06	20071129100010001-06 20080226060030001-27 20080826070130001-27	20081107050040001-27 20090217100030001-06 20090819070050001-27	20100107070050001-27 20100330020040001-27 20100915020180001-06,27	20102160903001-27	SEARCH NO		OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 2002



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2008

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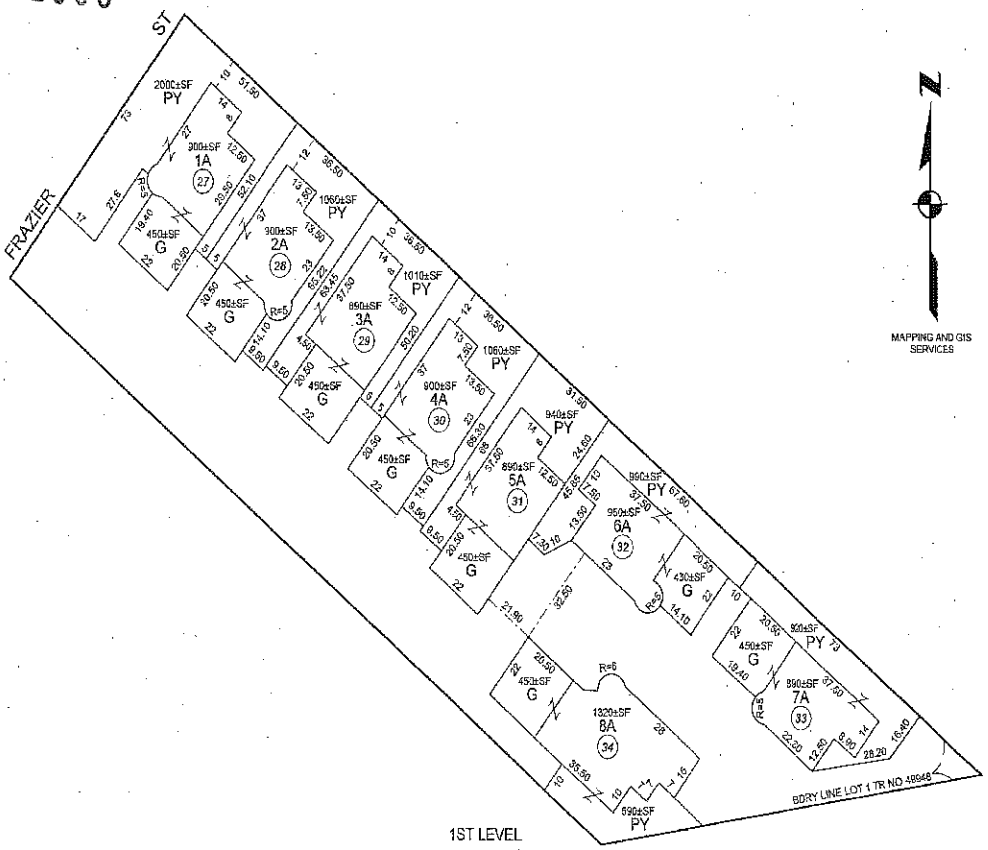
AIRSPACE PLAN REFERENCE	COMMON AREA				SUBDIVISION OF AIRSPACE SHEET(S)
	TRACT NO	BLK	LOTS	TYPE	
#6024 1-3-07	49948	-	1	CONDO	2 & 3



SUBDIVISION OF AIRSPACE
CONDOMINIUM TRACT NO 49948

FOR COMMON AREA SEE SHEET 1
SOME DIMENSIONS ARE MISSING IN RECORDED CONDOMINIUM PLAN

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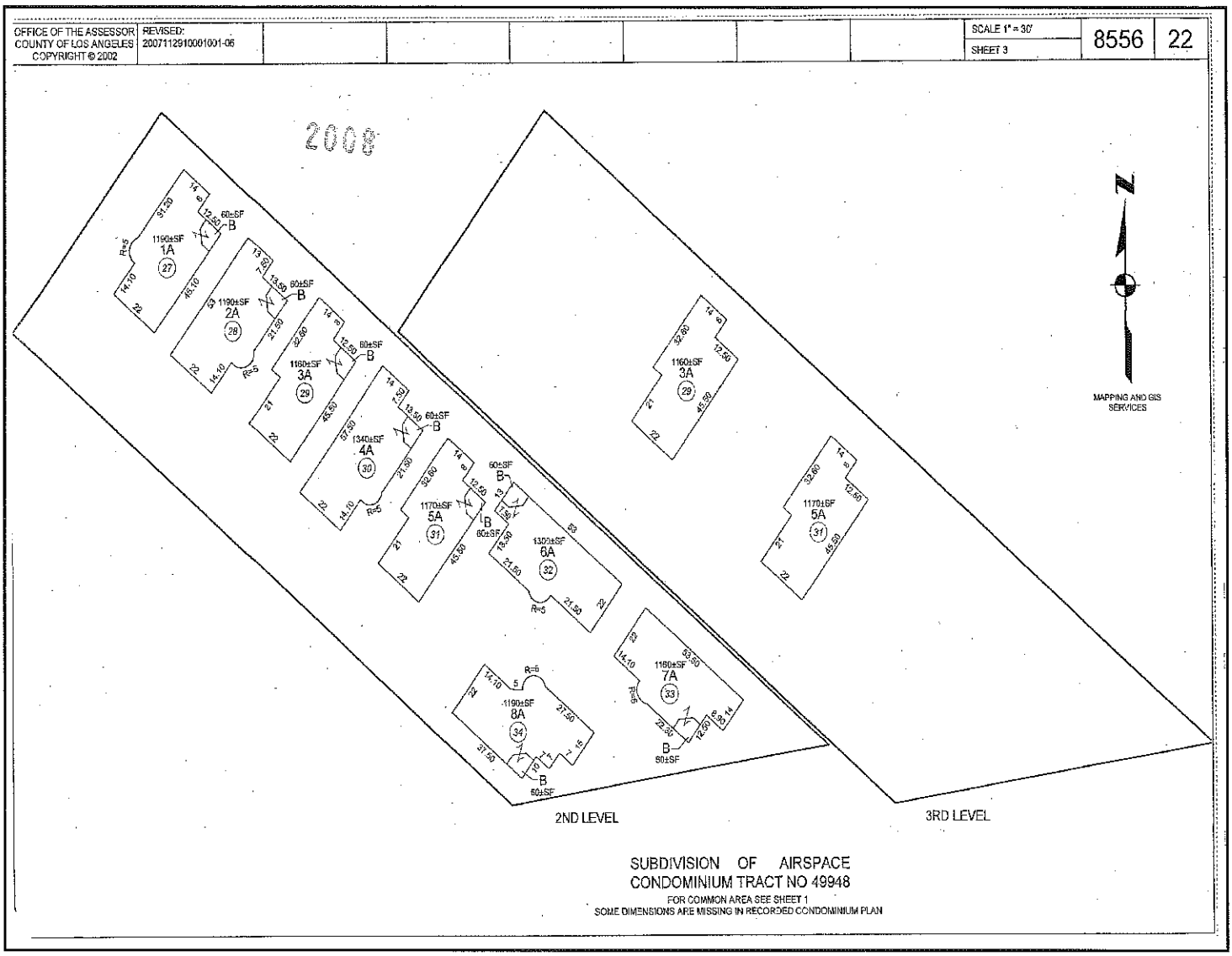

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Property Address:

13061 Garvey Ave
Baldwin Park, CA 91706

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First American

myFirstAm® **Property Profile** **13061 Garvey Ave, Baldwin Park, CA 91706**

Property Information

Owner(s):	State Of California	**Mailing Address:**	100 S Main St #Ms13, Los Angeles, CA 90012
Owner Phone:	Unknown	**Property Address:**	13061 Garvey Ave, Baldwin Park, CA 91706
Vesting Type:		**Alt. APN:**	
County:	Los Angeles	**APN:**	8556-022-907
Map Coord:		**Census Tract:**	404702
Lot#:	10	**Block:**	
Subdivision:	13211	**Tract:**	13211
Legal:	Tr=13211 Ex Of St Lot 10		

Property Characteristics

Use:	Quadruplex	**Year Built / Eff. :**	1957 / 1957	**Sq. Ft. :**	2068
Zoning:	BPCM*	**Lot Size Ac / Sq Ft:**	0.1681 / 7320	**# of Units:**	4
Bedrooms:	4	**Bathrooms:**	4	**Fireplace:**	
# Rooms:		**Quality:**	Good	**Heating:**	
Pool:		**Air:**		**Style:**	
Stories:		**Improvements:**		**Parking / #:**	/
Gross Area:	2068	**Garage Area :**		**Basement Area:**	

Sale and Loan Information

Sale / Rec Date:	***$/Sq. Ft.:**	**2nd Mtg.:**
Sale Price:	**1st Loan:**	**Prior Sale Amt:**
Doc No.:	**Loan Type:**	**Prior Sale Date:**
Doc Type:	**Transfer Date:**	**Prior Doc No.:**
Seller:	**Lender:**	**Prior Doc Type:**

*$/Sq.Ft. is a calculation of Sale Price divided by Sq.Feet.

Tax Information

Imp Value:		**Exemption Type:**	
Land Value:		**Tax Year / Area:**	/ 2-152
Total Value:		**Tax Value:**	
Total Tax Amt:		**Improved:**	

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First American

*my*FirstAm® **Transaction History** **13061 Garvey Ave, Baldwin Park, CA 91706**

There has not been any reported Transaction History records that have occurred on this property since 01/01/1988. For assistance, please contact your local Sales Representative or Customer Service Department.

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First American

myFirstAm® **Comparable Sales** 13061 Garvey Ave, Baldwin Park, CA 91706

Subject Property

	APN	Property Address	Sale Price	Year Built	Beds	Baths	Sq. Ft.	Rec. Date	Dist. from Subj.
	8556-022-907	13061 Garvey Ave, Baldwin Park, CA 91706		1957	4	4	2068		

Comparable Sales

A.	8553-001-015	3923 Bresee AVE , Baldwin Park, CA 91706	$456,000	1949	4	4	2208	09/25/2018	1.51 mi
B.	8106-003-025	2925 Allgeyer AVE , El Monte, CA 91732	$625,000	1936	4	4	2232	05/03/2016	1.75 mi
C.	8106-003-015	12029 Denholm DR , El Monte, CA 91732	$120,000	1946	4	4	2112	01/08/1999	1.75 mi
D.	8106-017-026	2750 Leafdale AVE , El Monte, CA 91732	$105,000	1955	4	4	1950	02/07/1984	1.88 mi
E.	8105-007-039	2835 Mountain View RD , El Monte, CA 91732	$681,000	1938	4	4	2264	04/04/2002	1.96 mi
F.	8565-014-014	3136 La Madera AVE , El Monte, CA 91732	$650,000	1955	4	4	2100	09/01/2005	1.98 mi
G.	8106-023-012	2743 Cogswell RD , El Monte, CA 91732	$530,000	1950	4	4	2112	04/25/2007	1.98 mi
H.	8542-019-022	13905 Los Angeles ST , Baldwin Park, CA 91706	$220,500	1958	4	4	2000	06/27/2011	2.03 mi
I.	8107-021-007	12127 Morehouse ST , El Monte, CA 91732	$355,000	1945	3	4	1866	07/02/2010	2.12 mi
J.	8105-009-010	2710 Musgrove AVE , El Monte, CA 91732	$770,000	1960	5	4	2274	04/20/2018	2.22 mi
K.	8541-005-039	11709 Cherrylee DR , El Monte, CA 91732	$38,000	1948	4	4	2220	02/16/1973	2.24 mi
L.	8108-013-022	2223 Bunker AVE , El Monte, CA 91732	$660,000	1949	5	3	2015	02/27/2018	2.44 mi
M.	8566-008-020	11112 Concert ST , El Monte, CA 91731	$185,000	1954	5	4	2302	03/15/2000	2.52 mi
N.	8579-015-015	3349 California AVE , El Monte, CA 91731	$385,000	1946	4	4	2256	11/18/2003	2.62 mi
O.	8104-002-012	2627 Tyler AVE , El Monte, CA 91733	$500,000	1936	4	5	2290	12/28/2016	2.72 mi
P.	8579-011-003	3359 Nevada AVE , El Monte, CA 91731	$205,000	1949	4	4	2117	07/28/1989	2.75 mi
Q.	8458-025-005	1628 W Harbert ST , West Covina, CA 91790	$420,000	1953	4	4	1956	06/23/2011	2.82 mi

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Subject Property

	APN	Property Address	Sale Price	Year Built	Beds	Baths	Sq. Ft.	Rec. Date	Dist. from Subj.
	8556-022-907	13061 Garvey Ave, Baldwin Park, CA 91706		1957	4	4	2068		

Comparable Sales

R.	8575-015-018	10811 Montecito DR , El Monte, CA 91731	$530,000	1948	5	4	2285	08/17/2009	2.84 mi
S.	8113-012-025	1815 Fruitvale AVE , South El Monte, CA 91733	$48,000	1941	4	4	2350	11/18/1976	2.93 mi
T.	8104-023-009	10823 Weaver AVE , South El Monte, CA 91733	$495,000	1948	5	4	2004	08/14/2013	2.98 mi

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Comparable Statistics

	Average :	Low :	High :
Sale Price:	$398,925	$38,000	$770,000
Loan Amount:	$340,949	$48,480	$572,250
Bedrooms:	4	3	5
Bathrooms:	4	3	5
Sq. Ft.:	2146	1866	2350
Sale $ / Sq. Ft.*:	$186	$20	$328

*$/Sq.Ft. is a calculation of Sale Price divided by Sq.Ft.

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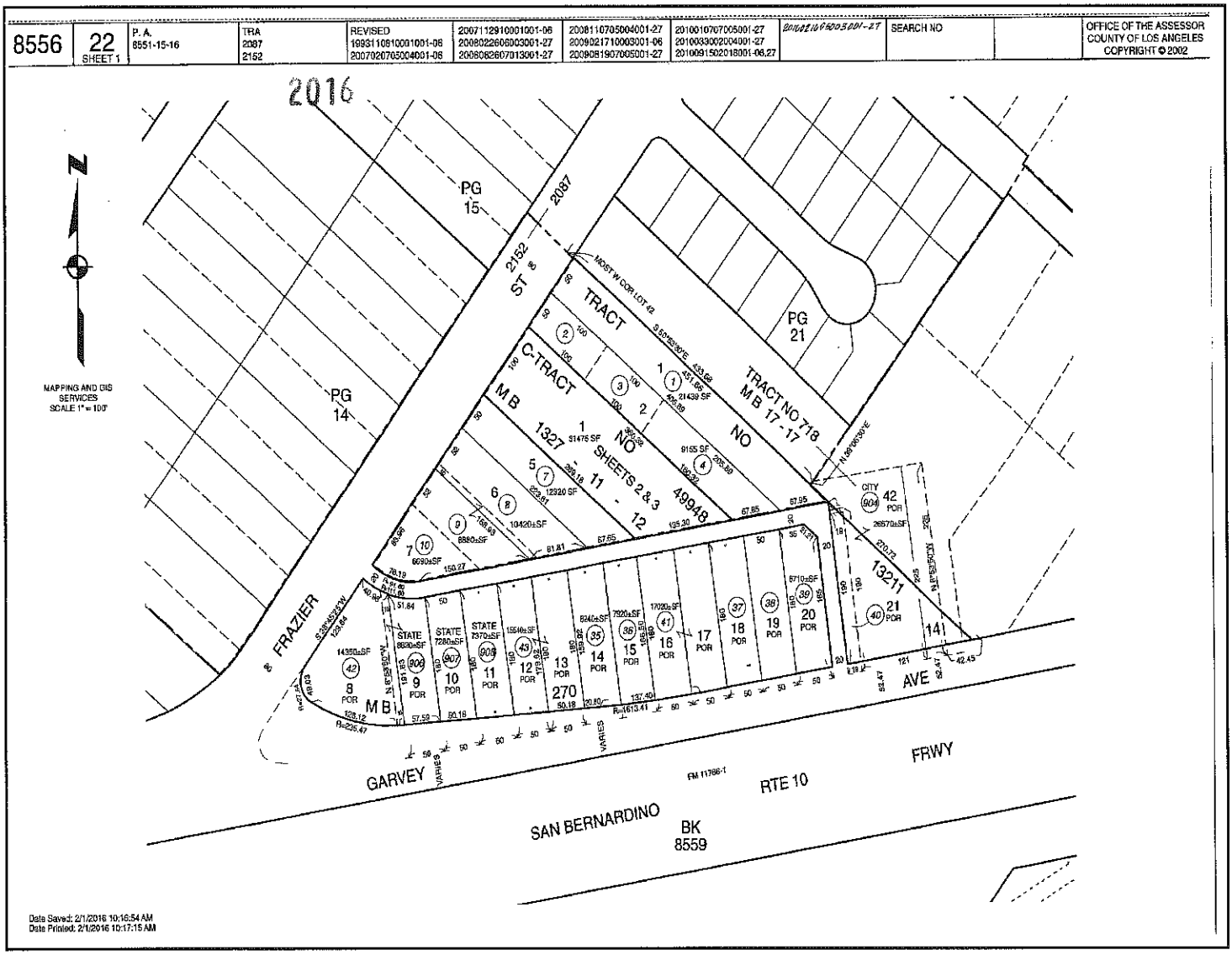
First American

myFirstAm® **Tax Map** **13061 Garvey Ave, Baldwin Park, CA 91706**



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2008

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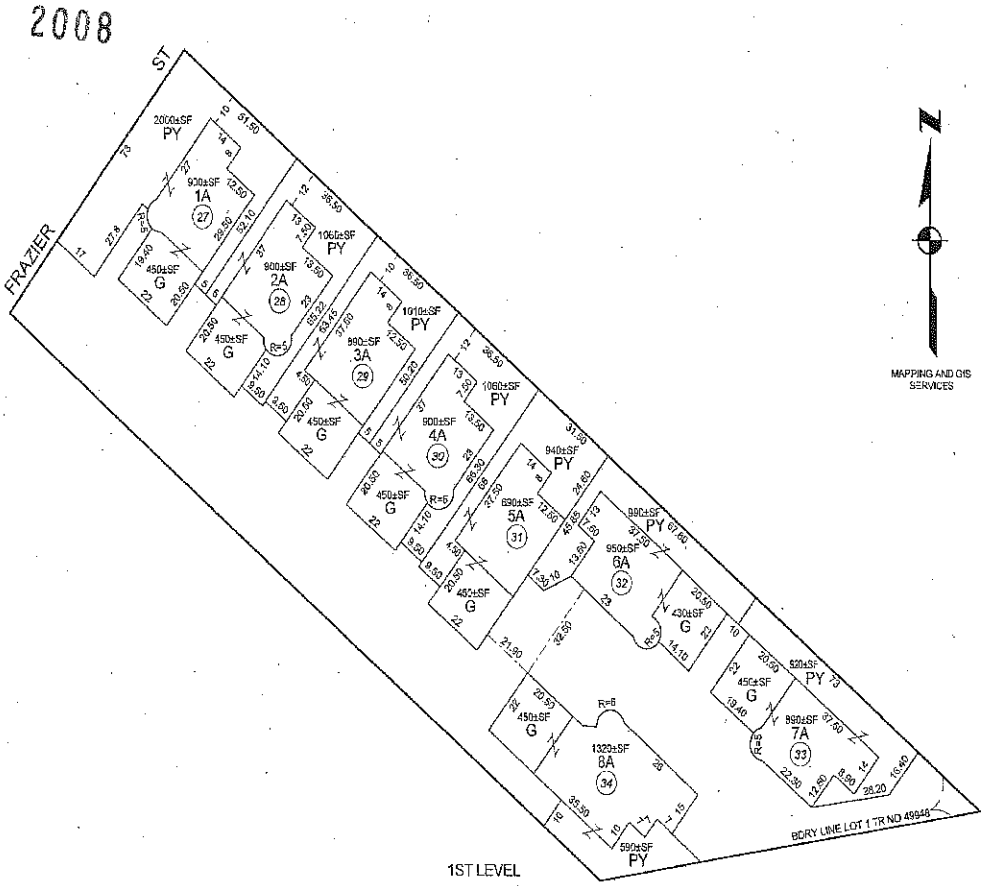
AIRSPACE PLAN REFERENCE	COMMON AREA				SUBDIVISION OF AIRSPACE SHEET(S)
	TRACT NO	BLK	LOTS	TYPE	
#8024 1-3-07	49948	-	1	CONDO	2 & 3



N

MAPPING AND GIS SERVICES

SUBDIVISION OF AIRSPACE
CONDOMINIUM TRACT NO 49948

FOR COMMON AREA SEE SHEET 1
SOME DIMENSIONS ARE MISSING IN RECORDED CONDOMINIUM PLAN

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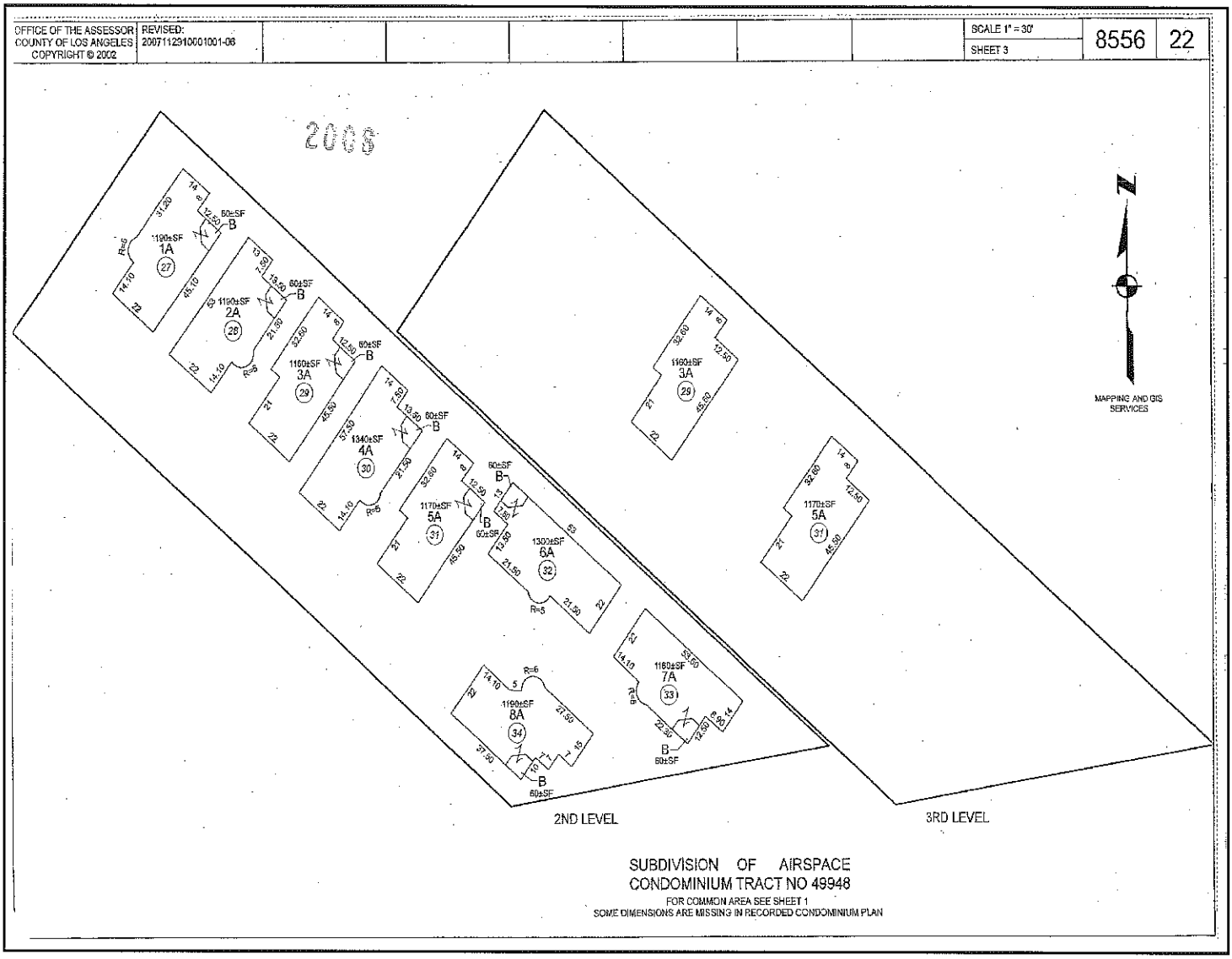

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Property Address:

13065 Garvey Ave
Baldwin Park, CA 91706

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First American

myFirstAm® **Property Profile** **13065 Garvey Ave, Baldwin Park, CA 91706**

Property Information

Owner(s):	State Of California	**Mailing Address:**	100 S Main St #Ms13, Los Angeles, CA 90012
Owner Phone:	Unknown	**Property Address:**	13065 Garvey Ave, Baldwin Park, CA 91706
Vesting Type:		**Alt. APN:**	
County:	Los Angeles	**APN:**	8556-022-908
Map Coord:		**Census Tract:**	404702
Lot#:	11	**Block:**	
Subdivision:	13211	**Tract:**	13211
Legal:	Tr=13211 Ex Of St Lot 11		

Property Characteristics

Use:	Quadruplex	**Year Built / Eff. :**	1957 / 1957	**Sq. Ft. :**	2068
Zoning:	BPCM*	**Lot Size Ac / Sq Ft:**	0.1796 / 7821	**# of Units:**	4
Bedrooms:	4	**Bathrooms:**	4	**Fireplace:**	
# Rooms:		**Quality:**	Good	**Heating:**	
Pool:		**Air:**		**Style:**	
Stories:		**Improvements:**		**Parking / #:**	/
Gross Area:	2068	**Garage Area :**		**Basement Area:**	

Sale and Loan Information

Sale / Rec Date:	***$/Sq. Ft.:**	**2nd Mtg.:**
Sale Price:	**1st Loan:**	**Prior Sale Amt:**
Doc No.:	**Loan Type:**	**Prior Sale Date:**
Doc Type:	**Transfer Date:**	**Prior Doc No.:**
Seller:	**Lender:**	**Prior Doc Type:**

*$/Sq.Ft. is a calculation of Sale Price divided by Sq.Feet.

Tax Information

Imp Value:		**Exemption Type:**	
Land Value:		**Tax Year / Area:**	/ 2-152
Total Value:		**Tax Value:**	
Total Tax Amt:		**Improved:**	

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First American

myFirstAm® **Transaction History** **13065 Garvey Ave, Baldwin Park, CA 91706**

There has not been any reported Transaction History records that have occurred on this property since 01/01/1988. For assistance, please contact your local Sales Representative or Customer Service Department.

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First American

myFirstAm® **Comparable Sales** 13065 Garvey Ave, Baldwin Park, CA 91706

Subject Property

	APN	Property Address	Sale Price	Year Built	Beds	Baths	Sq. Ft.	Rec. Date	Dist. from Subj.
	8556-022-908	13065 Garvey Ave, Baldwin Park, CA 91706		1957	4	4	2068		

Comparable Sales

A.	8553-001-015	3923 Bresee AVE , Baldwin Park, CA 91706	$456,000	1949	4	4	2208	09/25/2018	1.50 mi
B.	8106-003-025	2925 Allgeyer AVE , El Monte, CA 91732	$625,000	1936	4	4	2232	05/03/2016	1.76 mi
C.	8106-003-015	12029 Denholm DR , El Monte, CA 91732	$120,000	1946	4	4	2112	01/08/1999	1.76 mi
D.	8106-017-026	2750 Leafdale AVE , El Monte, CA 91732	$105,000	1955	4	4	1950	02/07/1984	1.88 mi
E.	8105-007-039	2835 Mountain View RD , El Monte, CA 91732	$681,000	1938	4	4	2264	04/04/2002	1.97 mi
F.	8565-014-014	3136 La Madera AVE , El Monte, CA 91732	$650,000	1955	4	4	2100	09/01/2005	1.99 mi
G.	8106-023-012	2743 Cogswell RD , El Monte, CA 91732	$530,000	1950	4	4	2112	04/25/2007	1.99 mi
H.	8542-019-022	13905 Los Angeles ST , Baldwin Park, CA 91706	$220,500	1958	4	4	2000	06/27/2011	2.03 mi
I.	8107-021-007	12127 Morehouse ST , El Monte, CA 91732	$355,000	1945	3	4	1866	07/02/2010	2.13 mi
J.	8105-009-010	2710 Musgrove AVE , El Monte, CA 91732	$770,000	1960	5	4	2274	04/20/2018	2.23 mi
K.	8541-005-039	11709 Cherrylee DR , El Monte, CA 91732	$38,000	1948	4	4	2220	02/16/1973	2.24 mi
L.	8108-013-022	2223 Bunker AVE , El Monte, CA 91732	$660,000	1949	5	3	2015	02/27/2018	2.45 mi
M.	8566-008-020	11112 Concert ST , El Monte, CA 91731	$185,000	1954	5	4	2302	03/15/2000	2.53 mi
N.	8579-015-015	3349 California AVE , El Monte, CA 91731	$385,000	1946	4	4	2256	11/18/2003	2.63 mi
O.	8104-002-012	2627 Tyler AVE , El Monte, CA 91733	$500,000	1936	4	5	2290	12/28/2016	2.73 mi
P.	8579-011-003	3359 Nevada AVE , El Monte, CA 91731	$205,000	1949	4	4	2117	07/28/1989	2.76 mi
Q.	8458-025-005	1628 W Harbert ST , West Covina, CA 91790	$420,000	1953	4	4	1956	06/23/2011	2.81 mi

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Subject Property

	APN	Property Address	Sale Price	Year Built	Beds	Baths	Sq. Ft.	Rec. Date	Dist. from Subj.
	8556-022-908	13065 Garvey Ave, Baldwin Park, CA 91706		1957	4	4	2068		

Comparable Sales

R.	8575-015-018	10811 Montecito DR , El Monte, CA 91731	$530,000	1948	5	4	2285	08/17/2009	2.85 mi
S.	8113-012-025	1815 Fruitvale AVE , South El Monte, CA 91733	$48,000	1941	4	4	2350	11/18/1976	2.94 mi
T.	8104-023-009	10823 Weaver AVE , South El Monte, CA 91733	$495,000	1948	5	4	2004	08/14/2013	2.99 mi

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Comparable Statistics

	Average :	Low :	High :
Sale Price:	$398,925	$38,000	$770,000
Loan Amount:	$340,949	$48,480	$572,250
Bedrooms:	4	3	5
Bathrooms:	4	3	5
Sq. Ft.:	2146	1866	2350
Sale $ / Sq. Ft.*:	$186	$20	$328

*$/Sq.Ft. is a calculation of Sale Price divided by Sq.Ft.

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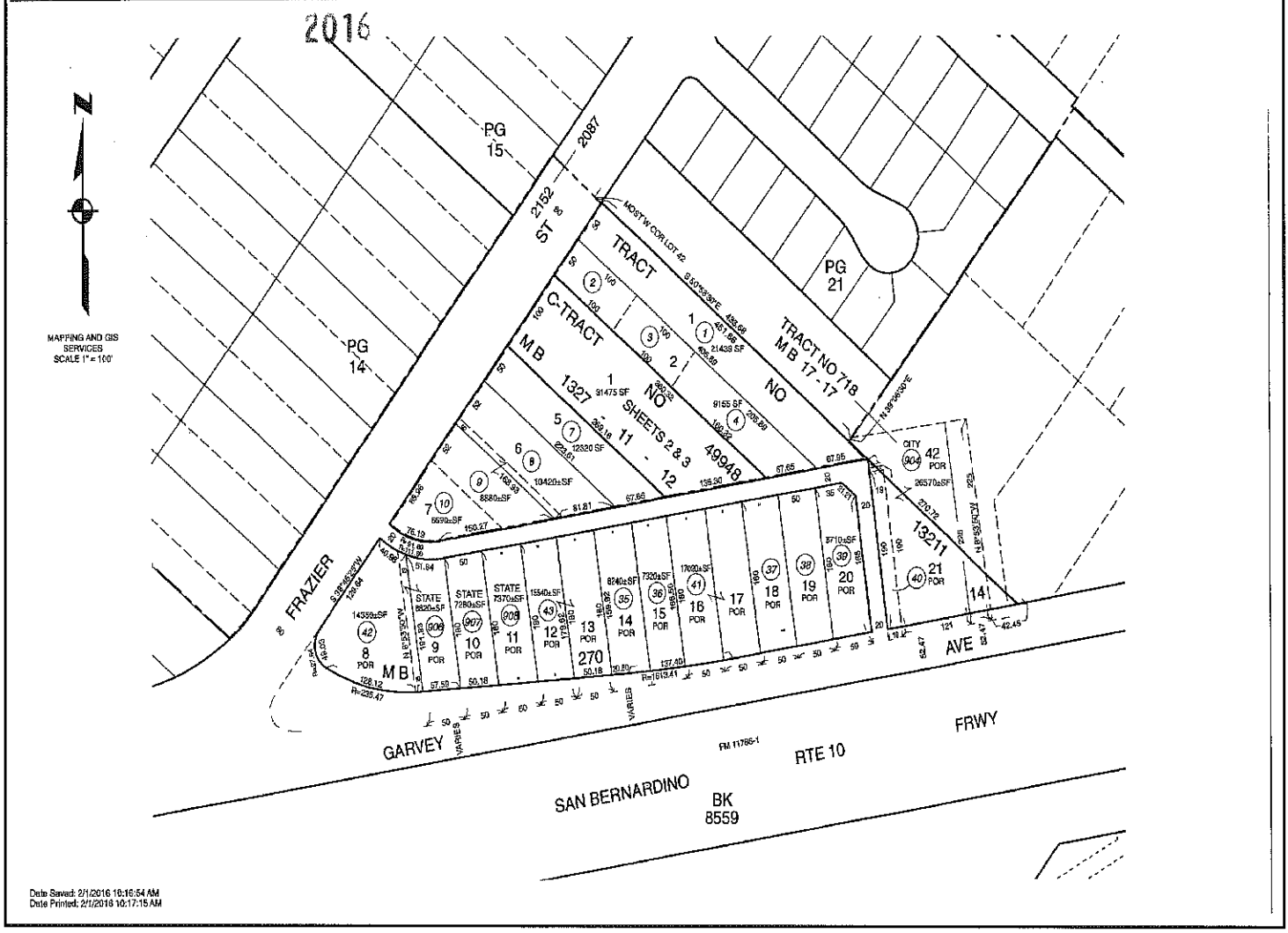
First American

myFirstAm® **Tax Map** **13065 Garvey Ave, Baldwin Park, CA 91706**

8556	22 SHEET 1	P.A. 8551-15-16	TRA 2087 2152	REVISED 19931108100001001-06 20070207050004001-06	20071129100001001-06 20080226080003001-27 20080826070013001-27	20081107050004001-27 20090217100030001-06 20090819070050001-27	20100107070050001-27 20100330020040001-27 20100915020180001-06,27	20160810090030001-27	SEARCH NO		OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 2002



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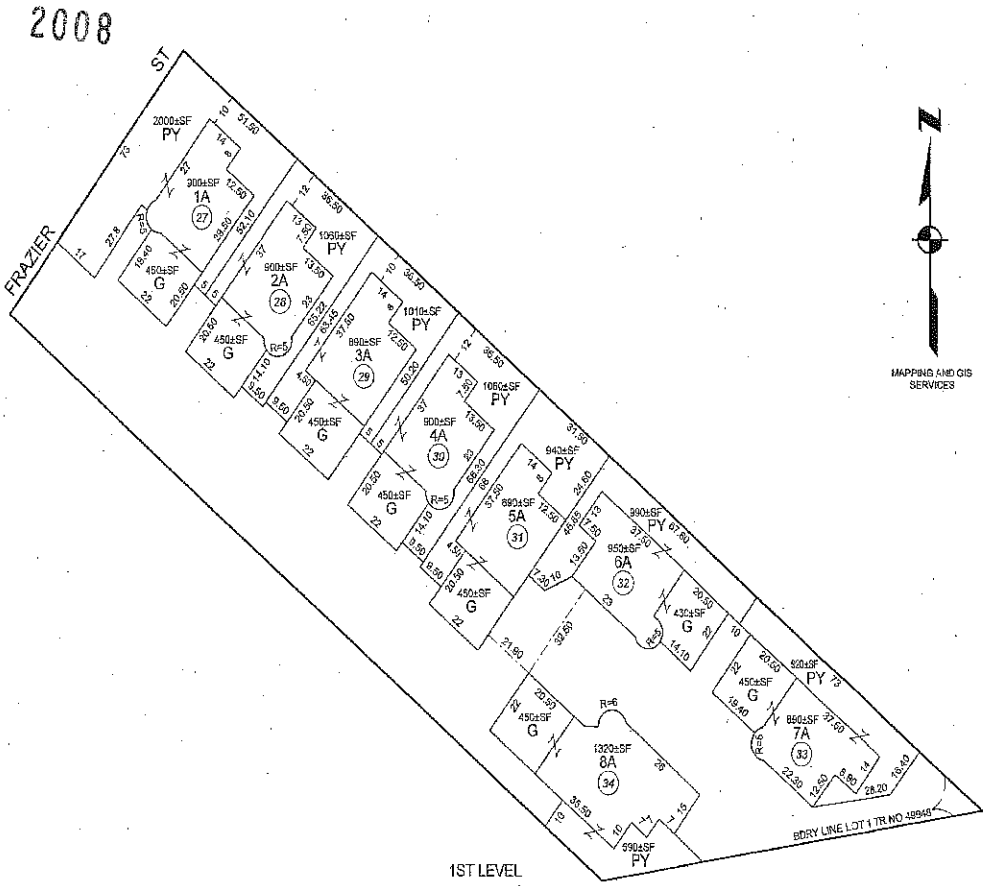
OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 2002	REVISED: 20071129100001001-06							SCALE 1" = 30' SHEET 2	8556	22

2008

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. EACH PLAN DEPICTS APPROXIMATE DIMENSIONS FROM WHICH AREAS ARE COMPUTED. AREAS ARE FOR CORRESPONDING ELEMENTS ONLY.

AIRSPACE PLAN REFERENCE	COMMON AREA				SUBDIVISION OF AIRSPACE SHEET(S)
	TRACT NO	BLK	LOTS	TYPE	
#8024 1-3-07	49948	-	1	CONDO	2 & 3



SUBDIVISION OF AIRSPACE
CONDOMINIUM TRACT NO 49948

FOR COMMON AREA SEE SHEET 1
SOME DIMENSIONS ARE MISSING IN RECORDED CONDOMINIUM PLAN

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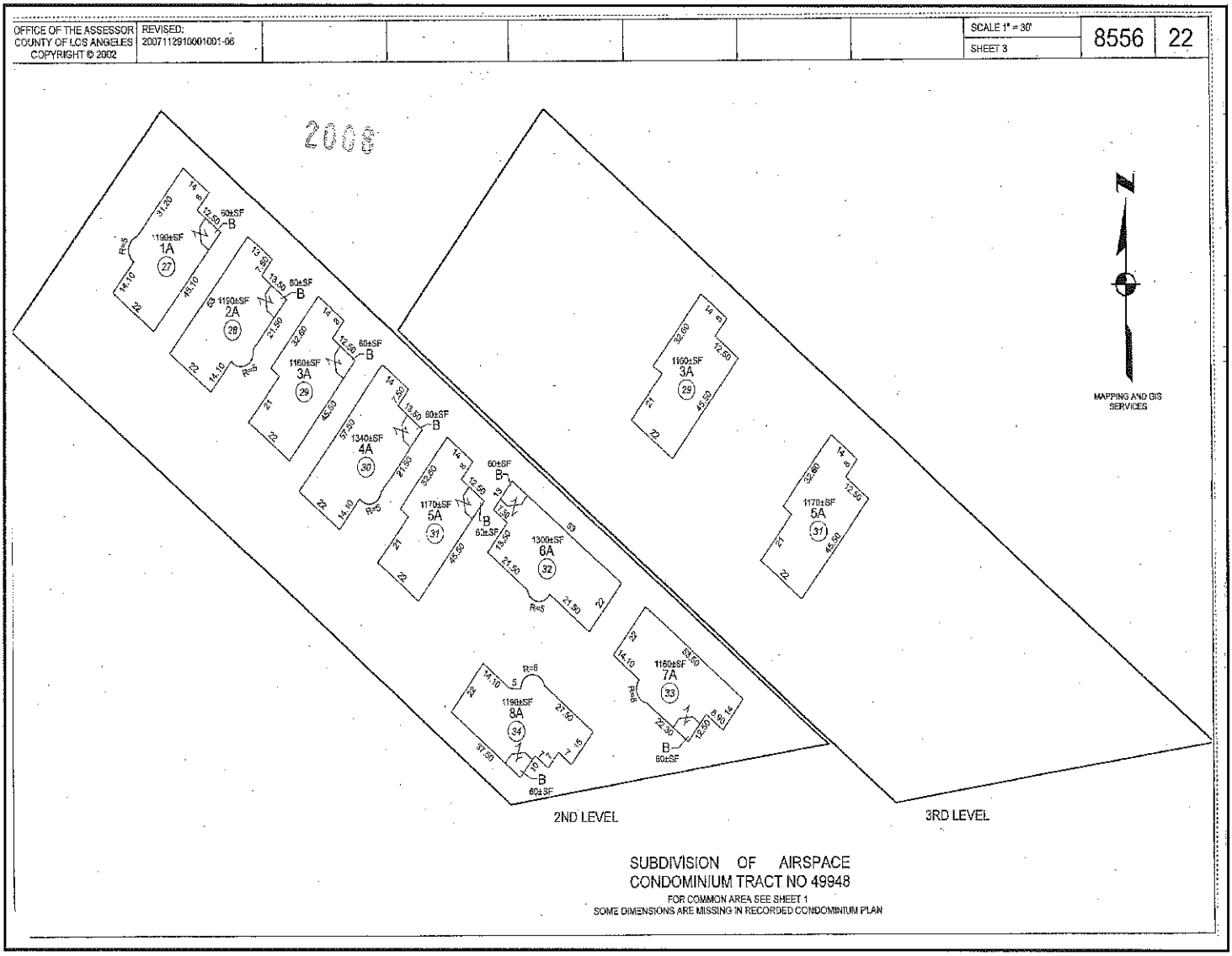

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Exhibit B

City Directory Report, Aerial Photographs
and Sanborn Map Report

13057-13065 Garvey Ave
13057-13065 Garvey Ave
Baldwin Park, CA 91706

Inquiry Number: 5573688.5
February 27, 2019

The EDR-City Directory Abstract

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory 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 2014. 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.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	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	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1995	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	PACIFIC BELL WHITE PAGES	-	-	-	-
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	R.L. Polk & Co Publishers	-	-	-	-
1975	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	R. L. Polk & Co.	-	-	-	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	R. L. Polk & Co.	-	-	-	-
1966	Pacific Telephone	-	X	X	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
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 Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
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

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
13061 Garvey Ave	Client Entered	X
13065 Garvey Ave	Client Entered	X
13057 Garvey Ave	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

13057-13065 Garvey Ave
Baldwin Park, CA 91706

FINDINGS DETAIL

Target Property research detail.

Garvey Ave

13057 Garvey Ave

Year	*Uses*	*Source*
2014	CLASSIFIED PRIVATE SECURITY	EDR Digital Archive
2010	CLASSIFIED PRIVATE SECURITY	EDR Digital Archive

GARVEY AVE

13057 GARVEY AVE

Year	*Uses*	*Source*
2003	AYAD Emil	Haines & Company

Garvey Ave

13057 Garvey Ave

Year	*Uses*	*Source*
2003	AYAD Emil	Haines & Company

GARVEY AVE

13057 GARVEY AVE

Year	*Uses*	*Source*
1995	QUALITY STRIPING	Pacific Bell

Garvey Ave

13057 Garvey Ave

Year	*Uses*	*Source*
1995	QUALITY STRIPING	Pacific Bell

FINDINGS

GARVEY AVE

13057 GARVEY AVE

Year	Uses	Source
1980	ARCHIE A COWAN ENGINEERING INC GARVEY AVE BALDWIN PARK	Pacific Telephone
	C W ENGINEERING INC GARVEY AVE BALDWIN PARK	Pacific Telephone

Garvey Ave

13057 Garvey Ave

Year	Uses	Source
1980	ARCHIE A COWAN ENGINEERING INC GARVEY AVE BALDWIN PARK	Pacific Telephone
	C W ENGINEERING INC GARVEY AVE BALDWIN PARK	Pacific Telephone

GARVEY AVE

13057 GARVEY AVE

Year	Uses	Source
1975	LIGHT GLASS CO	Pacific Telephone
	PACIFIC INTERIORS	Pacific Telephone
	T-P ACOUSTICS	Pacific Telephone
	TILE-PARTITION CO	Pacific Telephone

Garvey Ave

13057 Garvey Ave

Year	Uses	Source
1975	LIGHT GLASS CO	Pacific Telephone
	PACIFIC INTERIORS	Pacific Telephone
	T-P ACOUSTICS	Pacific Telephone
	TILE-PARTITION CO	Pacific Telephone

13061 Garvey Ave

Year	Uses	Source
1985	FRANCO ANTONIO	Pacific Bell
1975	VIGIL RICARDO	Pacific Telephone

FINDINGS

GARVEY AVE

13063 GARVEY AVE

Year	*Uses*	*Source*
1975	WILLIAMS BILL	Pacific Telephone

Garvey Ave

13065 Garvey Ave

Year	*Uses*	*Source*
2003	CHIPPAllan	Haines & Company
	LEDESMA Mana Elena	Haines & Company
1980	HIPOLITO HECTOR GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	SHEETS CHERIE K	Pacific Telephone

GARVEY AVE

13065 1/2 GARVEY AVE

Year	*Uses*	*Source*
1975	RIOS GREG BALDWIN PARK	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BESS AVE

12937 BESS AVE

Year	Uses	Source
2003	MOM Pon	Haines & Company
	LIM Kim	Haines & Company
	MOM Oun	Haines & Company
1995	Mom Pry	Pacific Bell
	MOMOUN	Pacific Bell
	Mom Oun	Pacific Bell

12938 BESS AVE

Year	Uses	Source
2003	AGUILAR Trinidad C	Haines & Company
	IGLESIAS Javier	Haines & Company
1995	MUIRHEAD G	Pacific Bell
	Muirhead G	Pacific Bell
	Muirhead John LH	Pacific Bell
1985	MUIRHEAD G	Pacific Bell
1975	MUIRHEAD G	Pacific Telephone

12942 BESS AVE

Year	Uses	Source
2003	XXXX	Haines & Company

12943 BESS AVE

Year	Uses	Source
2003	LORA Felix	Haines & Company
1980	LORA NORMA BESS AVE BALDWIN PARK	Pacific Telephone

12944 BESS AVE

Year	Uses	Source
2003	ARREOLA Erika	Haines & Company
	RODRIGUEZJose	Haines & Company
1995	Arreola Regino & Ana	Pacific Bell

FINDINGS

Year	Uses	Source
1985	BIEDRA FRANCISCO	Pacific Bell
1980	RODRIGUEZ JOSE LUIS BESS AVE BALDWIN PARK	Pacific Telephone
1975	ACENCIO JORGE G	Pacific Telephone

12946 BESS AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1985	CLARKE S PIZZA	Pacific Bell
1980	CLARKE S PIZZA BESS AVE BALDWIN PARK	Pacific Telephone
1975	LAUNDRALAND	Pacific Telephone
	RED DEVIL PIZZA PIZZAS	Pacific Telephone

Bess Ave

12948 Bess Ave

Year	Uses	Source
2014	STOP & SAVE	EDR Digital Archive
	STOP & SAVE	EDR Digital Archive
2010	STOP & SAVE	EDR Digital Archive
	STOP & SAVE	EDR Digital Archive

BESS AVE

12948 BESS AVE

Year	Uses	Source
2003	STOP&SAVE	Haines & Company
1995	Mr Bills Hardware	Pacific Bell
	MR BILL S HARDWARE	Pacific Bell

Bess Ave

12953 Bess Ave

Year	Uses	Source
2014	JESUCRISTO EL VERBO DE DIOS	EDR Digital Archive
	JESUCRISTO EL VERBO DE DIOS	EDR Digital Archive

FINDINGS

BESS AVE

12953 BESS AVE

Year	Uses	Source
2003	DELCID Brron	Haines & Company

Bess Ave

12954 Bess Ave

Year	Uses	Source
2014	7-ELEVEN INC	EDR Digital Archive
	7-ELEVEN INC	EDR Digital Archive
2010	7-ELEVEN INC	EDR Digital Archive
	7-ELEVEN INC	EDR Digital Archive

BESS AVE

12954 BESS AVE

Year	Uses	Source
2003	SEVEN 11 FOOD	Haines & Company
1985	7-ELEVEN FOOD STORES STORES BALDWIN PARK	Pacific Bell
1980	7-ELEVEN FOOD STORES STORES	Pacific Telephone
1975	7-ELEVEN FOOD STORES	Pacific Telephone

12961 BESS AVE

Year	Uses	Source
2003	LI James	Haines & Company

12969 BESS AVE

Year	Uses	Source
2003	NARADA U	Haines & Company
	NYANINDA U	Haines & Company
	ACARAAshin	Haines & Company
1985	FORD WM J	Pacific Bell
1980	FORD WM J BESS AVE BALDWIN PARK	Pacific Telephone
1975	FORD WM J BALDWIN PARK	Pacific Telephone

12975 BESS AVE

Year	Uses	Source
2003	CALVILLO Lorena	Haines & Company

FINDINGS

Year	Uses	Source
2003	CALVILLO Griselda	Haines & Company
	APARTMENTS CALVILLO Griselda	Haines & Company
	CRUZ Armando	Haines & Company
	ESCOBAR Erneslo	Haines & Company
	GARCIABenlto	Haines & Company
	QUINTERO Robero	Haines & Company
1985	WILLIAMS MARY J	Pacific Bell
	ARENIVAS GLORIA	Pacific Bell
1980	GALLEGOS ROBT BESS AVE BALDWIN PARK	Pacific Telephone
	HECKER RICHARD & DAWN BESS AVE BALDWIN PARK	Pacific Telephone
1975	PRIETO BETTY W	Pacific Telephone
	MILLER LILLIE M	Pacific Telephone
	COX B L	Pacific Telephone
	ARREDONDO HUMBERTO	Pacific Telephone

13040 BESS AVE

Year	Uses	Source
2003	GONZALEZ David	Haines & Company
	CRUZ Simeon	Haines & Company
1985	STOWELL ROBT	Pacific Bell
1975	WILSON HELEN MRS	Pacific Telephone

13042 BESS AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1980	JOHNSON RETHA BESS AVE BALDWIN PARK	Pacific Telephone
1966	ROGERS JENNIE	Pacific Telephone

13046 BESS AVE

Year	Uses	Source
2003	GONZALEZ David	Haines & Company
1975	TROVILLION JON G L BALDWIN PARK	Pacific Telephone

13048 BESS AVE

Year	Uses	Source
2003	CAZAREZ Emelia	Haines & Company

FINDINGS

13050 BESS AVE

Year	Uses	Source
2003	HERNANDEZ Salvador	Haines & Company
1995	S HAY S E E ALS O S HE A	Pacific Bell
	I Shawwaf Talser	Pacific Bell

13052 BESS AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1985	BABNIK JOS D	Pacific Bell
1980	WHITE ALBERT G BESS AVE BALDWIN PARK	Pacific Telephone
1975	HALSTEAD S D	Pacific Telephone

13054 BESS AVE

Year	Uses	Source
2003	XXXX	Haines & Company

13055 BESS AVE

Year	Uses	Source
2003	PARDO Silvia	Haines & Company
1995	Cartes Asuncion	Pacific Bell
1980	FATHERREE W E BESS AVE BALDWIN PARK	Pacific Telephone
	HERNANDEZ RANDOLPH BESS AVE BALDWIN PARK	Pacific Telephone

13056 BESS AVE

Year	Uses	Source
2003	RAMIREZ Pedro	Haines & Company
1995	Avelino Jose	Pacific Bell
1975	MARCUS FRED	Pacific Telephone

13057 BESS AVE

Year	Uses	Source
1985	ELKO EDWIN BALDWIN PARK	Pacific Bell
1980	ELKO EDWIN BESS AVE BALDWIN PARK	Pacific Telephone
1975	ARMSTRONG L A	Pacific Telephone
	ELKO EDWIN	Pacific Telephone
	FATHERREE WE	Pacific Telephone
	GALLEGOS MARTIN	Pacific Telephone

FINDINGS

Year	Uses	Source
1960	NISSENSON JOS	Pacific Telephone

13058 BESS AVE

Year	Uses	Source
2003	XXXX	Haines & Company

13067 BESS AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1995	MARSICOVETE ANTHONY C	Pacific Bell
	Marsicovete Anthony C	Pacific Bell
1985	MARSICOVETE ANTHONY C	Pacific Bell
1980	MARSICOVETE ANTHONY C BESS AVE BALDWIN PARK	Pacific Telephone
1975	MARSICOVETE ANTHONY C	Pacific Telephone

13046 1/2 BESS AVE

Year	Uses	Source
1980	FOX L D BESS AVE BALDWIN PARK	Pacific Telephone

13048 1/2 BESS AVE

Year	Uses	Source
1975	BUSH LEW	Pacific Telephone

DALEWOOD ST

13018 DALEWOOD ST

Year	Uses	Source
2003	SALAIZA Victor	Haines & Company

E GARVEY AVE

12971 E GARVEY AVE

Year	Uses	Source
1960	STARK PAUL N	Pacific Telephone
1957	STARK PAUL N	Pacific Telephone

12977 E GARVEY AVE

Year	Uses	Source
1966	ANDERSON CHAS	Pacific Telephone

FINDINGS

12999 E GARVEY AVE

Year	Uses	Source
1966	CLAY S SHELL SUEV	Pacific Telephone

FRAZIER ST

856 FRAZIER ST

Year	Uses	Source
1980	BAER THEODORE J FRAZIER ST BALDWIN PARK	Pacific Telephone

3011 FRAZIER ST

Year	Uses	Source
2003	Di AZ Eliazar	Haines & Company
1975	LUND RALPH W	Pacific Telephone

3015 FRAZIER ST

Year	Uses	Source
2003	GORDILLORunen	Haines & Company

3019 FRAZIER ST

Year	Uses	Source
2003	XXXX	Haines & Company

3021 FRAZIER ST

Year	Uses	Source
2003	YU Ruigen	Haines & Company
1980	HOPPER KENNETH FRAZIER ST BALDWIN PARK	Pacific Telephone

3023 FRAZIER ST

Year	Uses	Source
2003	ANTOLEN Veronica	Haines & Company
1975	CASTRO MERCEDES	Pacific Telephone

3025 FRAZIER ST

Year	Uses	Source
2003	XXXX	Haines & Company
1980	HARRIS F FRAZIER ST BALDWIN PARK	Pacific Telephone
1975	ANDREWS J	Pacific Telephone
	GONZALES R L	Pacific Telephone

FINDINGS

Frazier St

3026 Frazier St

Year	Uses	Source
2014	SUPER TECH AUTO SERVICES	EDR Digital Archive
	SUPER TECH AUTO SERVICES	EDR Digital Archive

FRAZIER ST

3026 FRAZIER ST

Year	Uses	Source
2003	SHAATH Saker	Haines & Company
1985	R & M SERVICE	Pacific Bell
1980	SELL H A TEXACO SERVICE STATION FRAZIER ST BALDWIN PARK	Pacific Telephone
1975	SELL H A TEXACO SERVICE STATION	Pacific Telephone

3027 FRAZIER ST

Year	Uses	Source
2003	YU Ruigen	Haines & Company

3029 FRAZIER ST

Year	Uses	Source
2003	YU Kenneth	Haines & Company

3031 FRAZIER ST

Year	Uses	Source
1975	URIAS LUCILLE	Pacific Telephone

3035 FRAZIER ST

Year	Uses	Source
2003	ESPINO Gabriel	Haines & Company
1985	PATTERSON SHARON	Pacific Bell

3040 FRAZIER ST

Year	Uses	Source
2003	GARCIA Jose	Haines & Company
1975	VALENZUELA MARY	Pacific Telephone

3041 FRAZIER ST

Year	Uses	Source
2003	GARCIA Abisai	Haines & Company

FINDINGS

Year	Uses	Source
1985	RAMOS VALERIE	Pacific Bell
	AMEZQUITA GEORGE A	Pacific Bell
1980	AMEZQUITA GEORGE A FRAZIER ST BALDWIN PARK	Pacific Telephone
1975	AMEZQUITA GEORGE A	Pacific Telephone

3044 FRAZIER ST

Year	Uses	Source
2003	SMITH Scof W	Haines & Company

3047 FRAZIER ST

Year	Uses	Source
2003	OGARCIA Ignacio	Haines & Company
1975	SALAZAR JESUS	Pacific Telephone

3049 FRAZIER ST

Year	Uses	Source
2003	SALINAS Lupe	Haines & Company

3052 FRAZIER ST

Year	Uses	Source
2003	LEON Leovigildo	Haines & Company
	AGUILAR Martin	Haines & Company

3055 FRAZIER ST

Year	Uses	Source
2003	GUILLEN Luis	Haines & Company

3056 FRAZIER ST

Year	Uses	Source
2003	GARCIA Julian	Haines & Company
1985	DALY MERCEDES Y	Pacific Bell
1980	DUARTEANTON FRAZIER ST BALDWIN PARK	Pacific Telephone

3058 FRAZIER ST

Year	Uses	Source
2003	XXXX	Haines & Company
1975	SHERWOOD B J	Pacific Telephone

FINDINGS

Frazier St

3061 Frazier St

Year	Uses	Source
2010	MERAZ MIGUEL	EDR Digital Archive
	MERAZ MIGUEL	EDR Digital Archive

FRAZIER ST

3061 FRAZIER ST

Year	Uses	Source
2003	MERAZ Miguel	Haines & Company
1980	MONTEON ALBERTO FRAZIER ST BALDWIN PARK	Pacific Telephone

3102 FRAZIER ST

Year	Uses	Source
2003	WANG Kenneth	Haines & Company

3103 FRAZIER ST

Year	Uses	Source
2003	CALVERLEY Earle	Haines & Company
1980	SARTAIN MARK FRAZIER ST BALDWIN PARK	Pacific Telephone
1975	MORENTIN JOE	Pacific Telephone

3106 FRAZIER ST

Year	Uses	Source
2003	WANG Kenneth	Haines & Company
1985	GLADDEN A L	Pacific Bell

3109 FRAZIER ST

Year	Uses	Source
2003	ARIAS Francisco	Haines & Company
1975	SAMANIEGO ESTHER	Pacific Telephone

3110 FRAZIER ST

Year	Uses	Source
1975	LOWRY SHELLY	Pacific Telephone

3111 FRAZIER ST

Year	Uses	Source
2003	XXXX	Haines & Company

FINDINGS

3112 FRAZIER ST

Year	Uses	Source
2003	GARCIA Manuel	Haines & Company
	CHIPPAllan	Haines & Company

3113 FRAZIER ST

Year	Uses	Source
1980	O MALLEY PEARL R FRAZIER ST BALDWIN PARK	Pacific Telephone
1975	O MALLEY PEARL R	Pacific Telephone

3117 FRAZIER ST

Year	Uses	Source
2003	CASTANEDAEisa	Haines & Company
1980	KNAUP CHARLES W FRAZIER ST BALDWIN PARK	Pacific Telephone

3120 FRAZIER ST

Year	Uses	Source
1980	CONTRERAS V E FRAZIER ST BALDWIN PARK	Pacific Telephone
	FARKAS LEWIS F & ANNE G FRAZIER ST BALDWIN PARK	Pacific Telephone
	LUPERCIA ANITA FRAZIER ST BALDWIN PARK	Pacific Telephone
	MARKS K FRAZIER ST BALDWIN PARK	Pacific Telephone
	SUTLEY VEVA FRAZIER ST BALDWIN PARK	Pacific Telephone

3133 FRAZIER ST

Year	Uses	Source
1980	LE CLAIR MIKE FRAZIER ST BALDWIN PARK	Pacific Telephone

3041B FRAZIER ST

Year	Uses	Source
1975	AMEZQUITA GEO A	Pacific Telephone
	HERNANDEZ LUCIANA	Pacific Telephone

3031 1/2 FRAZIER ST

Year	Uses	Source
1980	COLLINS SAM FRAZIER ST BALDWIN PARK	Pacific Telephone
	LOPEZ FERNANDO FRAZIER ST BALDWIN PARK	Pacific Telephone

Year	Uses	Source
1975	MORALES T BALDWIN PARK	Pacific Telephone

3116 1/2 FRAZIER ST

Year	Uses	Source
1980	GLADDEN BURNELL FRAZIER ST BALDWIN PARK	Pacific Telephone

GARVEY AVE

12971 GARVEY AVE

Year	Uses	Source
2003	PATELKanlilai	Haines & Company
	ANGEL MOTEL	Haines & Company
1995	LIAO TSENG MING	Pacific Bell
	CRAZY8MOTEL	Pacific Bell
1985	BALDWIN PARK MOTEL	Pacific Bell

12999 GARVEY AVE

Year	Uses	Source
1995	BALDWIN SHELL	Pacific Bell
	Baldwin Shell	Pacific Bell
	Baldwin Stocker Elementary School	Pacific Bell
1985	BALDWIN SHELL	Pacific Bell
1975	MCNEILL SECURITY SYSTEMS	Pacific Telephone
	MOBILE AUTO MEDICS	Pacific Telephone
	AUTO MEDICS MOBILE	Pacific Telephone
	PAGE S SHELL SERVICE	Pacific Telephone

13011 GARVEY AVE

Year	Uses	Source
2003	VAZQUEZSalvador	Haines & Company
	SERVICE	Haines & Company
	GOLD STAR AUTO	Haines & Company
1995	Rays Landscape Co Duarte e	Pacific Bell
	Rays Independent Auto Repair	Pacific Bell
	RAY S INDEPENDENT AUTO REPAIR	Pacific Bell
1985	ECONOMY CAR REPAIR	Pacific Bell
1980	ECONOMY CAR REPAIR GARVEY AVE BALDWIN PARK	Pacific Telephone

FINDINGS

13067 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1985	LOPEZ RAMONA	Pacific Bell

Garvey Ave

13075 Garvey Ave

Year	Uses	Source
2010	TENNIS SPORTS WORLD LLC	EDR Digital Archive
	INTER-PACKAGING SUPPLIES LLC	EDR Digital Archive
	TANG KENNY	EDR Digital Archive
	TENNIS SPORTS WORLD LLC	EDR Digital Archive
	INTER-PACKAGING SUPPLIES LLC	EDR Digital Archive
	TANG KENNY	EDR Digital Archive

GARVEY AVE

13075 GARVEY AVE

Year	Uses	Source
2003	C J W BUILDERS	Haines & Company
	CORPORATECLR	Haines & Company
	PRNTG KTTOOLS	Haines & Company
	PRINTING&PROMOTIO	Haines & Company
	NAL ITEMS SHOWERWALLSSAN	Haines & Company
	GABRIEL	Haines & Company
1995	CORPORATE COLOUR PRINTING INC	Pacific Bell
	SHOWER WALLS UNLIMITED-SAN GABRIEL VALLEY	Pacific Bell
	American Design Wear	Pacific Bell
	Corporate Colour Printing Inc	Pacific Bell
	Corporate Communication	Pacific Bell
	Corporate Communications S Mad	Pacific Bell
	Shower Walls Unlimited San Gabriel Valley	Pacific Bell
	Showers Duet Pico Riv	Pacific Bell
1985	LAGUNA OPTICAL SUPPLIES	Pacific Bell
	EDIFICE BUILDERS	Pacific Bell
	METRIC TOOL & MACHINE	Pacific Bell
1975	KRAUSE B E MRS	Pacific Telephone

FINDINGS

Garvey Ave

13079 Garvey Ave

Year	Uses	Source
2014	MCNEILL SOUND & SEC SYSTEMS	EDR Digital Archive
	MCNEILL SOUND & SEC SYSTEMS	EDR Digital Archive
2010	MCNEILL SOUND & SEC SYSTEMS	EDR Digital Archive
	MCNEILL SOUND & SEC SYSTEMS	EDR Digital Archive

GARVEY AVE

13079 GARVEY AVE

Year	Uses	Source
2003	MCNEILL Richard	Haines & Company
	MCNEILL	Haines & Company
	SOUND&SCRTY	Haines & Company
1995	MCNELIL SOUND & SECURITY	Pacific Bell
	Mc Nelil Sound & Security	Pacific Bell
1985	MUNNELL GREGORY	Pacific Bell
	GARCIA ANGELINA B PK	Pacific Bell
1980	SEGOVIA RAMON GARVEY AVE BALDWIN PARK	Pacific Telephone
	GARCIA ANGELINA GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	ESPINOSA ROSA	Pacific Telephone
	LEMUS ERACLIO	Pacific Telephone

13081 GARVEY AVE

Year	Uses	Source
2003	MCNEILL Richard	Haines & Company
1985	ELLIS ROOFING	Pacific Bell
	ELLIS CONSTRUCTION	Pacific Bell

Garvey Ave

13109 Garvey Ave

Year	Uses	Source
2014	ARISTOCRAT MOTEL	EDR Digital Archive
	ARISTOCRAT MOTEL	EDR Digital Archive
2010	ARISTOCRAT MOTEL	EDR Digital Archive
	ARISTOCRAT MOTEL	EDR Digital Archive

FINDINGS

GARVEY AVE

13109 GARVEY AVE

Year	Uses	Source
2003	ARISTOCRATMOTEL	Haines & Company
	LAXAGUE Edouard	Haines & Company
1995	Aristocrat Motel	Pacific Bell
	ARISTOCRAT MOTEL	Pacific Bell
1985	ARISTOCRAT MOTEL	Pacific Bell
1980	ARISTOCRAT MOTEL GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	SPELLMAN ANNA	Pacific Telephone

13127 GARVEY AVE

Year	Uses	Source
2003	TAXCO SALCEDO CAFE	Haines & Company
1995	Taxco Salcedo Cafe	Pacific Bell
	TAXCOSALCEDO CAFE	Pacific Bell
1985	TAXCO SALCEDO CAFE	Pacific Bell
1975	TAXCO SALCEDO CAFE	Pacific Telephone

13131 GARVEY AVE

Year	Uses	Source
2003	RIVERA Eslela	Haines & Company
	D SEGOVIAJose Ramon	Haines & Company
1995	Segovia M IM	Pacific Bell
	Segovia Jose Ramon	Pacific Bell
	SEGOVIA JOSE RAMON	Pacific Bell
	Segovia M & J Pico Riv	Pacific Bell
1985	SEGOVIA JOSE RAMON	Pacific Bell
1980	ARIZPE ARTURO GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	SALCEDO JESSE V	Pacific Telephone
	TORRES ERNEST	Pacific Telephone
	ZAMORA MARGARITA M	Pacific Telephone

13135 GARVEY AVE

Year	Uses	Source
1980	BALDWIN PARK CITY OF	Pacific Telephone
1975	LOS ANGELES COUNTY OF PPROBATION DEPT AREA OFCS	Pacific Telephone

FINDINGS

13165 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1985	OPT CON SERVICE INC	Pacific Bell
1975	GREENS INDUTRIAL PAINTING	Pacific Telephone

13167 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1995	Perma Roofing Co	Pacific Bell
	PERMA ROOFING CO	Pacific Bell
	PERMA ROOFING CO	Pacific Bell
	Perma Roofing Co	Pacific Bell
1985	PERMA ROOFING	Pacific Bell
1975	A ADVANCED MAIL DELIVERY SERVICE	Pacific Telephone

13067 1/2 GARVEY AVE

Year	Uses	Source
1966	POTTER GEO	Pacific Telephone

JUDITH ST

13002 JUDITH ST

Year	Uses	Source
2003	JENSEN Em	Haines & Company
1995	Jensen Borge W	Pacific Bell
	JENSEN BORGE W	Pacific Bell
1985	JENSEN BORGE W	Pacific Bell
1975	JENSEN BORGE W BALDWIN PARK	Pacific Telephone

13003 JUDITH ST

Year	Uses	Source
2003	HERRERA Juan Marin 626 480 B	Haines & Company
1995	GONZALEZ ROBT	Pacific Bell
	Gonzalez Robt	Pacific Bell
1985	HARMAN W J	Pacific Bell
1980	HARMAN W J JUDITH ST BALDWIN PARK	Pacific Telephone
1975	KAI MASAKAZU	Pacific Telephone

FINDINGS

13007 JUDITH ST

Year	Uses	Source
2003	XXXX	Haines & Company
1980	CHAVEZ DAVID JUDITH ST BALDWIN PARK	Pacific Telephone
1975	SMITH MARLA BALDWIN PARK	Pacific Telephone

13008 JUDITH ST

Year	Uses	Source
2003	GARNICAAdnana	Haines & Company
1995	Mendoza Marco	Pacific Bell
	MENDOZA MARCO	Pacific Bell
1980	LUERS MARK & MARGARET JUDITH ST BALDWIN PARK	Pacific Telephone

13011 JUDITH ST

Year	Uses	Source
2003	VALENCIA Gabriel	Haines & Company
1966	PAYAN JOHN	Pacific Telephone

13013 JUDITH ST

Year	Uses	Source
2003	CAMPBELLCV	Haines & Company
1995	CAMPBELL CV	Pacific Bell
	Campbell CV	Pacific Bell
1985	CAMPBELL C V	Pacific Bell
1980	CAMPBELL C V JUDITH ST BALDWIN PARK	Pacific Telephone
1975	CAMPBELL C V	Pacific Telephone
	CAMPBELL MELANIE BALDWIN PARK	Pacific Telephone

13014 JUDITH ST

Year	Uses	Source
2003	GONZALEZAlberto	Haines & Company
1995	Chapman R G	Pacific Bell
	CHAPMAN R G	Pacific Bell
	Chapman RM	Pacific Bell
1975	CHAPMAN ROBERT G	Pacific Telephone

13015 JUDITH ST

Year	Uses	Source
2003	XXXX	Haines & Company

Year	Uses	Source
1995	SANTIFLAN GULLIERMO	Pacific Bell
	Santiflan Gulliermo	Pacific Bell
1985	LAWRENCE TERRY	Pacific Bell

13016 JUDITH ST

Year	Uses	Source
2003	XXXX	Haines & Company
1980	PRICE EVA A JUDITH ST BALDWIN PARK	Pacific Telephone

13018 JUDITH ST

Year	Uses	Source
2003	OTENORIOJose	Haines & Company
1995	IRFLODSPATRLCLA	Pacific Bell
1985	ROUNDS R H	Pacific Bell
1980	ROUNDS R H JUDITH ST BALDWIN PARK	Pacific Telephone
1975	ROUNDS R H	Pacific Telephone

13019 JUDITH ST

Year	Uses	Source
2003	PRABOWO Bemanto	Haines & Company
1985	HOWARD OSCAR B	Pacific Bell
	ABESAMIS NOILAN	Pacific Bell
1980	HOWARD OSCAR B JUDITH ST BALDWIN PARK	Pacific Telephone
1975	GARCIA RAUL	Pacific Telephone
	HOWARD OSCAR B	Pacific Telephone

13021 JUDITH ST

Year	Uses	Source
2003	XXXX	Haines & Company
1985	RAMIREZ D	Pacific Bell
1980	PASS ROBT JUDITH ST BALDWIN PARK	Pacific Telephone

13024 JUDITH ST

Year	Uses	Source
2003	OLMEDO Sara	Haines & Company
	SALINAS Marlene	Haines & Company

FINDINGS

13025 JUDITH ST

Year	Uses	Source
2003	CORDOVAJesus	Haines & Company
	Sanchez	Haines & Company
	:HERNANDEZ Eren	Haines & Company
1985	LOPEZ FILIBERTO	Pacific Bell
	MEDINA CHRIS & EILEEN	Pacific Bell

13028 JUDITH ST

Year	Uses	Source
2003	RAMOSJuan	Haines & Company
1975	MITCHELL EDWIN	Pacific Telephone

13029 JUDITH ST

Year	Uses	Source
2003	GONZALES Raul	Haines & Company
1985	WEBSTER ALVIN	Pacific Bell
1980	WEBSTER ALVIN JUDITH ST BALDWIN PARK	Pacific Telephone

13031 JUDITH ST

Year	Uses	Source
2003	RODRIGUEZJosue	Haines & Company
	CRESPINL	Haines & Company
1995	ROLDANJOSEREFUGLO	Pacific Bell
1985	RAMIREZ RAMON J	Pacific Bell
	CORTES ASUNCION	Pacific Bell
1980	MARKET CHRIS JUDITH ST BALDWIN PARK	Pacific Telephone
1975	DI SANDRO RANDY	Pacific Telephone
	CORDERO PHILIP	Pacific Telephone
	BROWNING BARBARA A	Pacific Telephone

13034 JUDITH ST

Year	Uses	Source
2003	OSILVANonrma	Haines & Company
1985	RAMIREZ ALEXANDER BALDWIN PARK	Pacific Bell

13035 JUDITH ST

Year	Uses	Source
2003	00 SO Malcolm	Haines & Company

Year	Uses	Source
1985	MANDRIOTTI DANL G	Pacific Bell
1980	KUMAZEC WM JUDITH ST BALDWIN PARK	Pacific Telephone
	EMERSON JOHN & EVIE JUDITH ST BALDWIN PARK	Pacific Telephone

13038 JUDITH ST

Year	Uses	Source
2003	ZEIGERJ	Haines & Company

13039 JUDITH ST

Year	Uses	Source
2003	MARISAOL Pedro	Haines & Company
1995	* KELLY DAVID	Pacific Bell
	Kelly David	Pacific Bell
1985	FERGEN VINCENT	Pacific Bell
1980	FERGEN VINCENT JUDITH ST BALDWIN PARK	Pacific Telephone
1975	FERGEN VINCENT	Pacific Telephone

13044 JUDITH ST

Year	Uses	Source
1995	TYREEDAVLDFSR	Pacific Bell
1980	TYREE DAVID F SR JUDITH ST BALDWIN PARK	Pacific Telephone

13049 JUDITH ST

Year	Uses	Source
1980	WOTRING JAS E JUDITH ST BALDWIN PARK	Pacific Telephone

13053 JUDITH ST

Year	Uses	Source
1980	HALE CHESTER C JUDITH ST BALDWIN PARK	Pacific Telephone

13035 1/2 JUDITH ST

Year	Uses	Source
1985	VICTORIA EMMANUEL	Pacific Bell

LEORITA ST

1008 LEORITA ST

Year	Uses	Source
2003	XXXX	Haines & Company
1985	KOLBY MICHAEL E	Pacific Bell

1010 LEORITA ST

Year	Uses	Source
1985	KOLBY KENNETH	Pacific Bell
1975	HULSE KENNETH L	Pacific Telephone

1011 LEORITA ST

Year	Uses	Source
2003	PENUELAAlan	Haines & Company
1985	WIDLMAN V J	Pacific Bell
1975	MATTHEWS FRANK	Pacific Telephone

1012 LEORITA ST

Year	Uses	Source
1985	HILADO THOS	Pacific Bell

1013 LEORITA ST

Year	Uses	Source
2003	CASTRO R	Haines & Company
1975	GROSS PENELOPE	Pacific Telephone

1019 LEORITA ST

Year	Uses	Source
2003	CASTELLON Jose	Haines & Company
1980	MENEES OGLE O LEORITA ST BALDWIN PARK	Pacific Telephone
1975	MC DOWELL ALICE	Pacific Telephone
1966	WELLS HENRY L	Pacific Telephone

Leorita St

1022 Leorita St

Year	Uses	Source
2014	BROKEN HORN INC	EDR Digital Archive
	SADDLE REPAIR SHOP	EDR Digital Archive
	MARIO S SILVER SHOP	EDR Digital Archive

Year	Uses	Source
2014	BROKEN HORN INC	EDR Digital Archive
	SADDLE REPAIR SHOP	EDR Digital Archive
	MARIO S SILVER SHOP	EDR Digital Archive
2010	BROKEN HORN INC	EDR Digital Archive
	SADDLE REPAIR SHOP	EDR Digital Archive
	MARIO S SILVER SHOP	EDR Digital Archive
	MARIO S SILVER SHOP	EDR Digital Archive
	BROKEN HORN INC	EDR Digital Archive
	SADDLE REPAIR SHOP	EDR Digital Archive

LEORITA ST

1022 LEORITA ST

Year	Uses	Source
2003	MARIOS SILVER SHOP	Haines & Company
	SADDLE REPAIR SHOP	Haines & Company
1980	MC DONALD KATHY LEORITA ST BALDWIN PARK	Pacific Telephone
	CAPLENER LAURA B LEORITA ST BALDWIN PARK	Pacific Telephone

1024 LEORITA ST

Year	Uses	Source
2003	XXXX	Haines & Company

Leorita St

1026 Leorita St

Year	Uses	Source
2014	SALS CUSTOM SATTLES	EDR Digital Archive
	GOMEZ SALVADOR	EDR Digital Archive
	SALS CUSTOM SATTLES	EDR Digital Archive
	GOMEZ SALVADOR	EDR Digital Archive
2010	SALS CUSTOM SATTLES	EDR Digital Archive
	NUZZO FAMILY LTD PARTNERSHIP	EDR Digital Archive
	GOMEZ SALVADOR	EDR Digital Archive
	SUPERIOR SADDLERY	EDR Digital Archive
	GOMEZ SALVADOR	EDR Digital Archive
	SALS CUSTOM SATTLES	EDR Digital Archive
	NUZZO FAMILY LTD PARTNERSHIP	EDR Digital Archive

Year	Uses	Source
2010	SUPERIOR SADDLERY	EDR Digital Archive

LEORITA ST

1026 LEORITA ST

Year	Uses	Source
2003	XXXX	Haines & Company
1995	Trevors Leather Shoppe	Pacific Bell
1985	BROKEN HORN INC	Pacific Bell
1980	BROKEN HORN INC LEORITA ST BALDWIN PARK	Pacific Telephone

MANGUM ST

3116 MANGUM ST

Year	Uses	Source
2003	MOONEYHAM obert	Haines & Company

3119 MANGUM ST

Year	Uses	Source
2003	GARCIAMaria	Haines & Company
1975	VERDUGO RICHARD J	Pacific Telephone

3122 MANGUM ST

Year	Uses	Source
1975	PEREZ RAMON	Pacific Telephone

3123 MANGUM ST

Year	Uses	Source
2003	CASTRO A	Haines & Company
1966	RAMOS JOE C	Pacific Telephone

3127 MANGUM ST

Year	Uses	Source
2003	VIZARRO Vi Ctena	Haines & Company

3128 MANGUM ST

Year	Uses	Source
2003	VELAZOUEZJose	Haines & Company

3129 MANGUM ST

Year	Uses	Source
2003	X XXX	Haines & Company

3132 MANGUM ST

Year	Uses	Source
2003	EDEZAJose	Haines & Company

Mangum St

3135 Mangum St

Year	Uses	Source
2014	A REMODELING INC	EDR Digital Archive
	A REMODELING INC	EDR Digital Archive
2010	EL MONTE CARE CENTER	EDR Digital Archive
	EL MONTE CARE CENTER	EDR Digital Archive

MANGUM ST

3135 MANGUM ST

Year	Uses	Source
2003	LANOAVERDEJose	Haines & Company
1985	ALFF THEADORE	Pacific Bell
1980	ALFF THEADORE MANGUM ST BALDWIN PARK	Pacific Telephone
1975	ALFF THEADORE	Pacific Telephone

Mangum St

3136 Mangum St

Year	Uses	Source
2010	AMERICAN WELDING & FAB & DOCK	EDR Digital Archive
	AMERICAN WELDING & FAB & DOCK	EDR Digital Archive

MANGUM ST

3136 MANGUM ST

Year	Uses	Source
2003	ORAYGOZARita	Haines & Company
	RAYGOZA Ramrlfo	Haines & Company
1995	Herrera Eliznabeth	Pacific Bell
	Herrera Eleanore	Pacific Bell

Year	Uses	Source
1985	HERRERA ELEANORE	Pacific Bell
1980	HERRERA PETER B MANGUM ST BALDWIN PARK	Pacific Telephone
1975	HERRERA PETER B	Pacific Telephone

3139 MANGUM ST

Year	Uses	Source
2003	GONZALEZ Frarncsco	Haines & Company
1980	TIPTON J M MANGUM ST BALDWIN PARK	Pacific Telephone
1975	TIPTON J M	Pacific Telephone

Mangum St

3142 Mangum St

Year	Uses	Source
2014	V Y A IRON WORK	EDR Digital Archive
	V Y A IRON WORK	EDR Digital Archive

MANGUM ST

3142 MANGUM ST

Year	Uses	Source
2003	GUERREROYolanda M	Haines & Company

3143 MANGUM ST

Year	Uses	Source
2003	ORTil ZVctona	Haines & Company
1995	Ortit Victorla C	Pacific Bell
1975	ROMAN RALPH	Pacific Telephone

3144 MANGUM ST

Year	Uses	Source
2003	ALARCON Yrna	Haines & Company
1985	LOPEZ ANA & ARTURO	Pacific Bell

3146 MANGUM ST

Year	Uses	Source
2003	SOLANOManuel	Haines & Company
	NASMYTH Peter	Haines & Company
1995	Solano Margarita Cov n	Pacific Bell

Year	Uses	Source
1995	Solano Manuel	Pacific Bell
1985	SOLANO MANUEL	Pacific Bell
1980	SOLANO MANUEL MANGUM ST BALDWIN PARK	Pacific Telephone
1975	SOLANO MANUEL	Pacific Telephone

3147 MANGUM ST

Year	Uses	Source
2003	RAMIREZAntnio	Haines & Company
1995	Ramlrez Antonio	Pacific Bell

3148 MANGUM ST

Year	Uses	Source
2003	XXXX	Haines & Company
1995	I Puentes Esther	Pacific Bell
	I Puentes Dan LH	Pacific Bell
	I Puentes Antonio Bpk	Pacific Bell
	I Puente Y BPh	Pacific Bell
	I Puente Vivian	Pacific Bell
1985	GUTIERREZ RUDOLPH R	Pacific Bell
1980	GUTIERREZ RUDOLPH R MANGUM ST BALDWIN PARK	Pacific Telephone
1975	GUTIERREZ RUDOLPH R	Pacific Telephone

3149 MANGUM ST

Year	Uses	Source
2003	ZELAY Nelal	Haines & Company

3150 MANGUM ST

Year	Uses	Source
2003	XXXX	Haines & Company

3152 MANGUM ST

Year	Uses	Source
2003	ARROYOGenar	Haines & Company
1980	LEACH ROBT MANGUM ST BALDWIN PARK	Pacific Telephone

3155 MANGUM ST

Year	Uses	Source
2003	RIOSCruz	Haines & Company
1975	LIPARE THOS	Pacific Telephone

FINDINGS

3156 MANGUM ST

Year	Uses	Source
2003	THOMASMary	Haines & Company
	THOMAS Wm	Haines & Company
1985	THOMAS WM & MARY	Pacific Bell

3157 MANGUM ST

Year	Uses	Source
2003	MARTINEZAbel	Haines & Company
1975	MEZA GUADALUPE	Pacific Telephone

3159 MANGUM ST

Year	Uses	Source
2003	HERNANDEZRaul	Haines & Company
	HUAMAN Elvia	Haines & Company
1985	PEREZ REMBERTO	Pacific Bell

3162 MANGUM ST

Year	Uses	Source
2003	ESTRADA Reyna	Haines & Company
	RODRIGUEZAbel	Haines & Company
1985	FRASER BRIAN	Pacific Bell
1980	VANMUYSEN JOANNE MANGUM ST BALDWIN PARK	Pacific Telephone

3163 MANGUM ST

Year	Uses	Source
2003	COBOS Susan	Haines & Company

3164 MANGUM ST

Year	Uses	Source
2003	RODRIGUEZ Abel	Haines & Company

3166 MANGUM ST

Year	Uses	Source
2003	CASTREJON Mifiam	Haines & Company
	MORALES Aria	Haines & Company

3169 MANGUM ST

Year	Uses	Source
2003	COBOS Priscilla	Haines & Company

PARKWOOD PL

13116 PARKWOOD PL

Year	Uses	Source
1980	TABLASON CARMEN C PARKWOOD PL BALDWIN PARK	Pacific Telephone

13125 PARKWOOD PL

Year	Uses	Source
1980	SARREAL BAYANI PARKWOOD PL BALDWIN PARK	Pacific Telephone

13141 PARKWOOD PL

Year	Uses	Source
1980	MILLER GARY & PAT PARKWOOD PL BALDWIN PARK	Pacific Telephone

13145 PARKWOOD PL

Year	Uses	Source
1980	MEKDARA SAVATH PARKWOOD PL BALDWIN PARK	Pacific Telephone

13148 PARKWOOD PL

Year	Uses	Source
1980	LIEU DICK W PARKWOOD PL BALDWIN PARK	Pacific Telephone

13149 PARKWOOD PL

Year	Uses	Source
1980	MANAHAN ESTELA PARKWOOD PL BALDWIN PARK	Pacific Telephone

13057-13065 Garvey Ave

13057-13065 Garvey Ave

Baldwin Park, CA 91706

Inquiry Number: 5573688.8

February 27, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

02/27/19

Site Name:

13057-13065 Garvey Ave
13057-13065 Garvey Ave
Baldwin Park, CA 91706
EDR Inquiry # 5573688.8

Client Name:

ENCON Technologies Inc.
12145 Mora Drive
Santa Fe, CA 90670
Contact: Elizabeth Bartley

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: May 22, 2002	USDA
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1989	1"=500'	Flight Date: August 22, 1989	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1979	1"=500'	Flight Date: May 11, 1979	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1952	1"=500'	Flight Date: August 02, 1952	USGS
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 06, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	Fairchild

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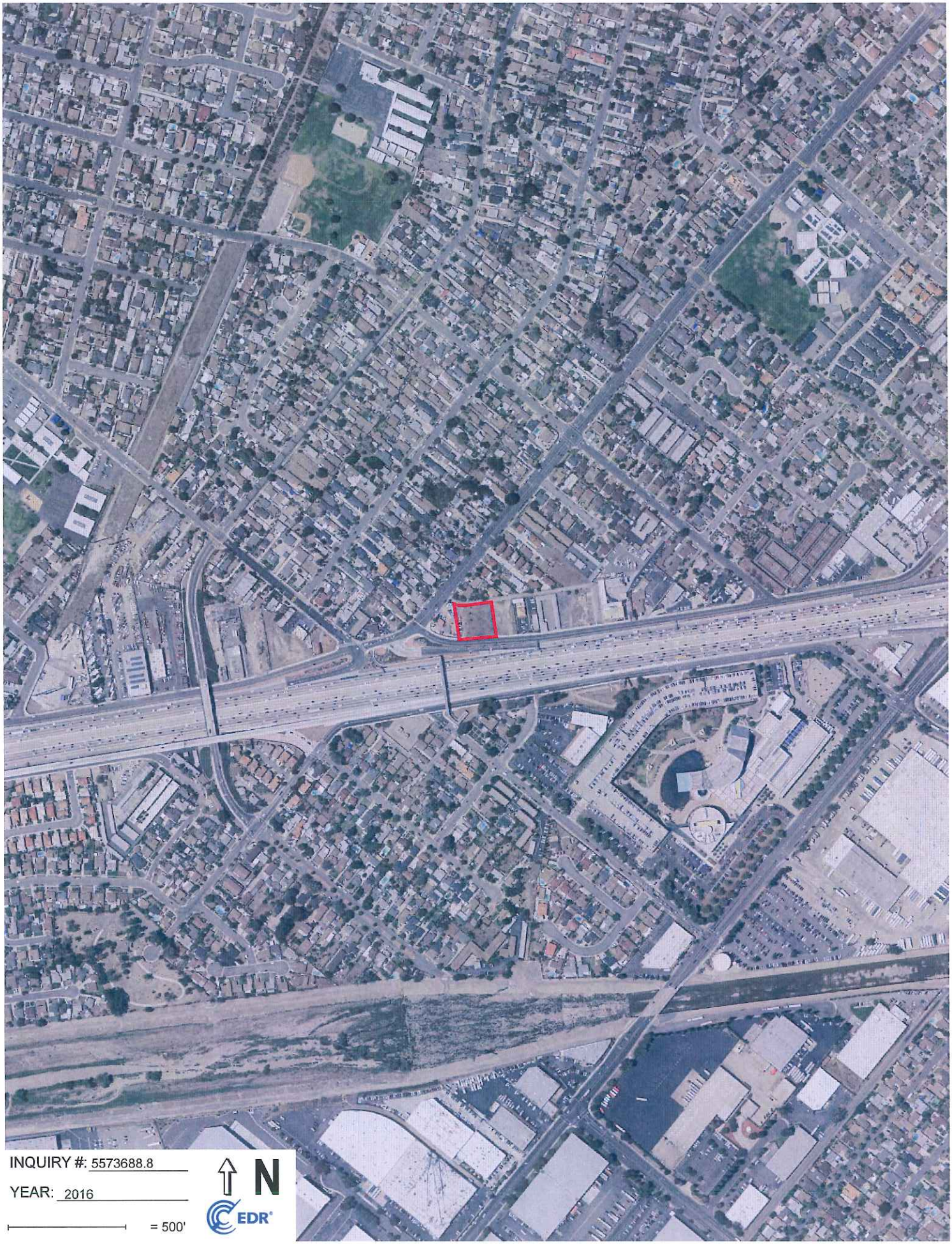


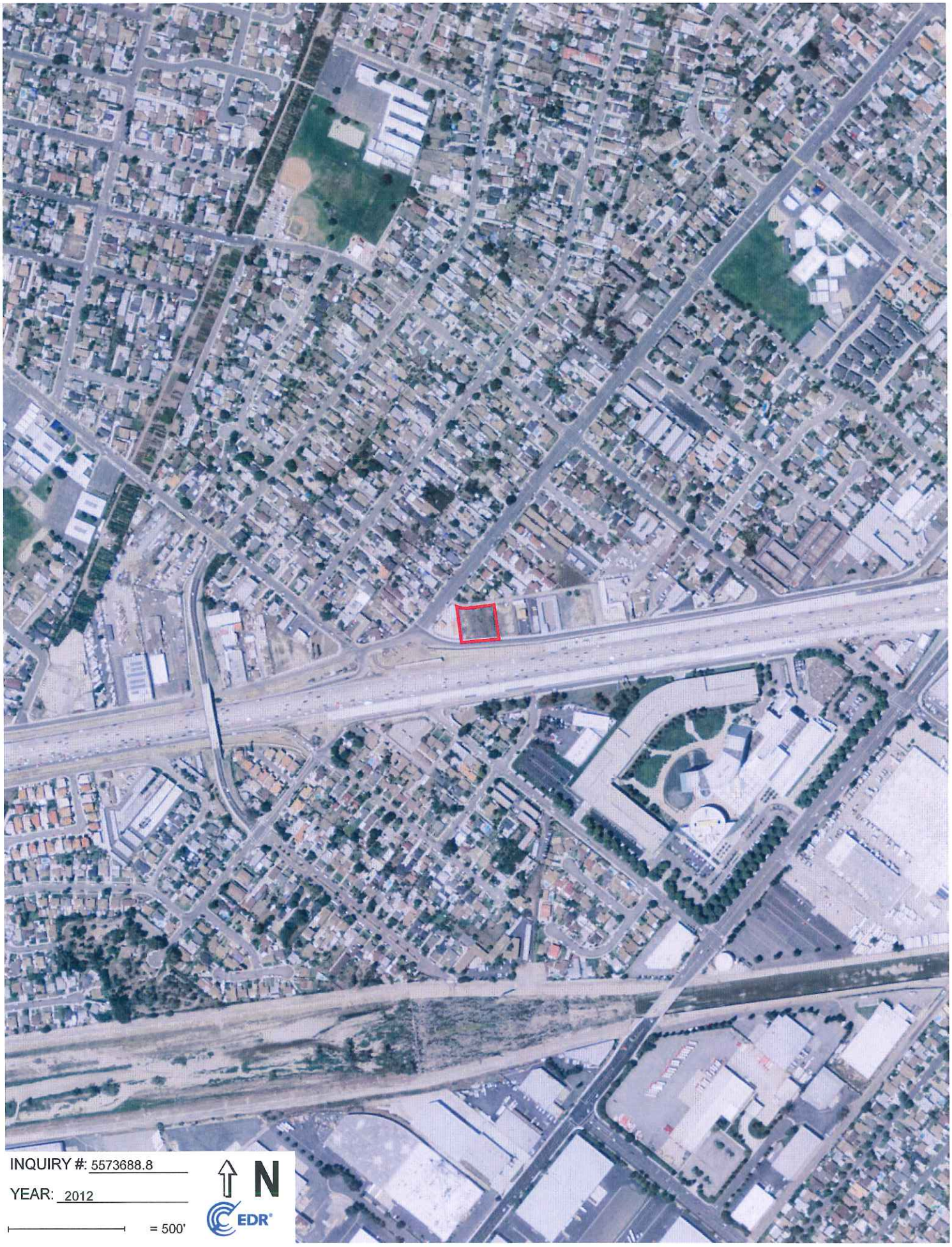
INQUIRY #: 5573688.8

YEAR: 2016

= 500'

N

EDR



INQUIRY #: 5573688.8

YEAR: 2012

= 500'

N

EDR

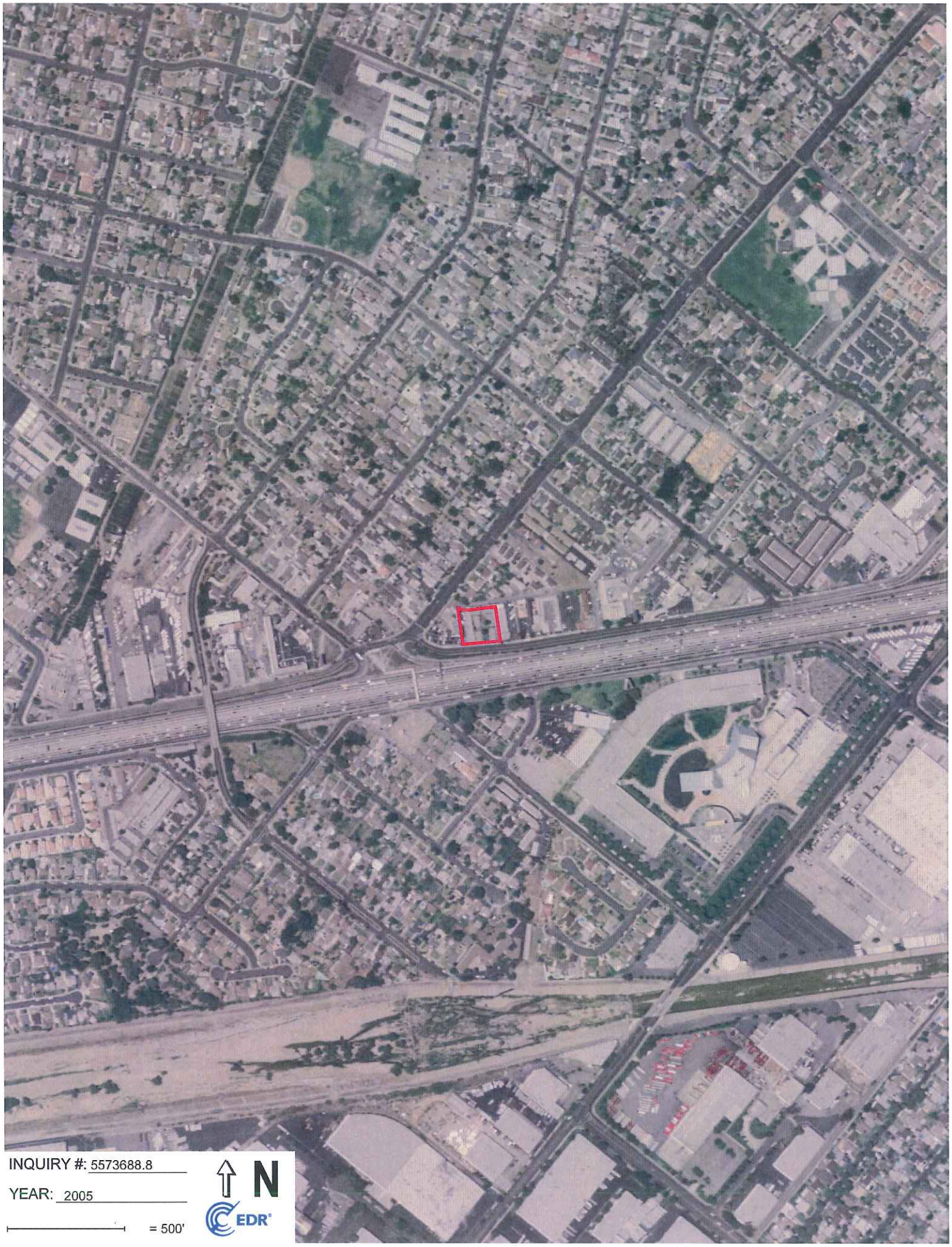
INQUIRY #: 5573688.8

YEAR: 2009

= 500'

N

EDR



INQUIRY #: 5573688.8

YEAR: 2005

= 500'

N

EDR

INQUIRY #: 5573688.8

YEAR: 2002

= 500'

N

EDR

INQUIRY #: 5573688.8
YEAR: 1994
= 500'
N
EDR

INQUIRY #: 5573688.8

YEAR: 1990

= 500'

N

EDR

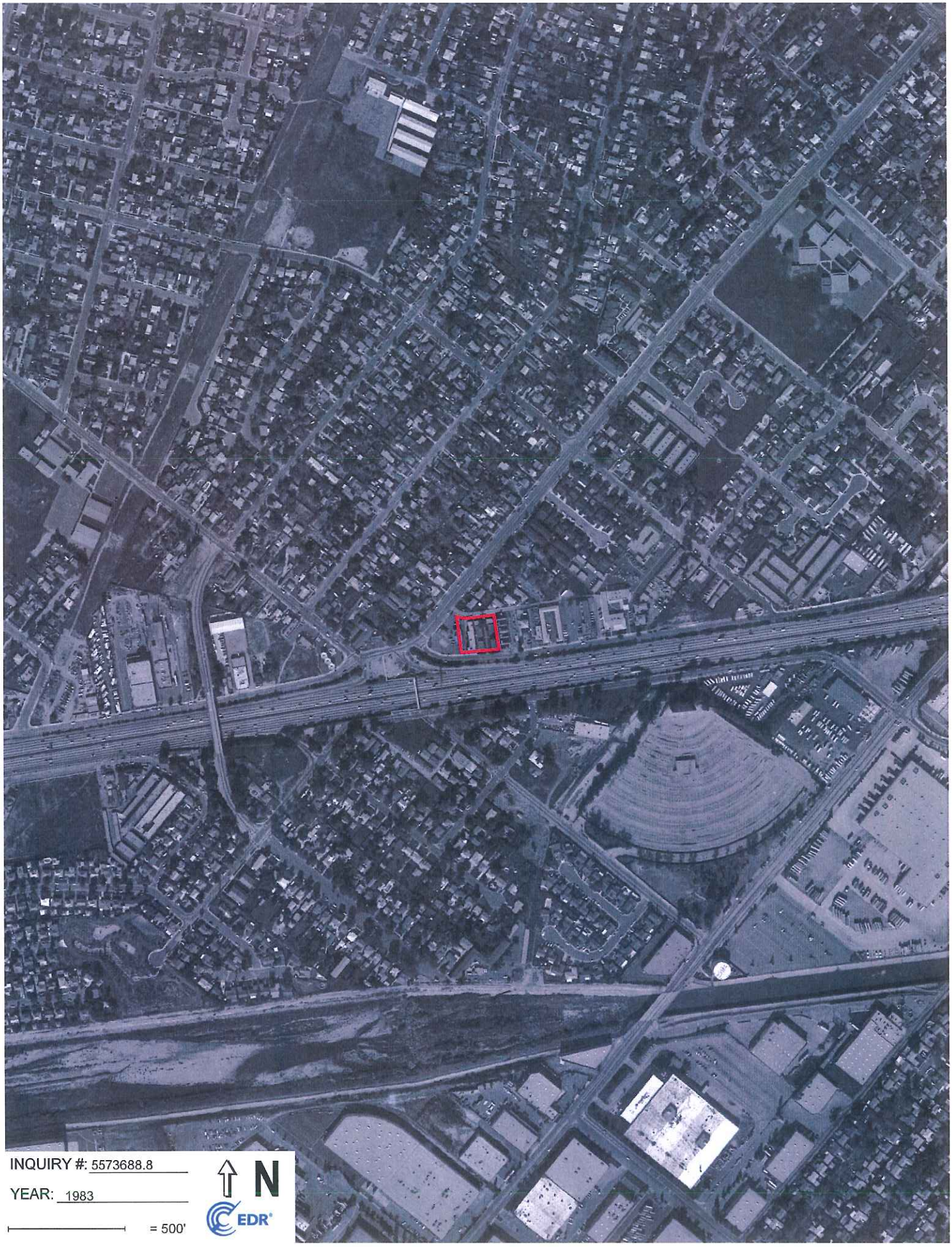
INQUIRY #: 5573688.8

YEAR: 1989

= 500'

N

EDR



INQUIRY #: 5573688.8

YEAR: 1983

= 500'

N

EDR

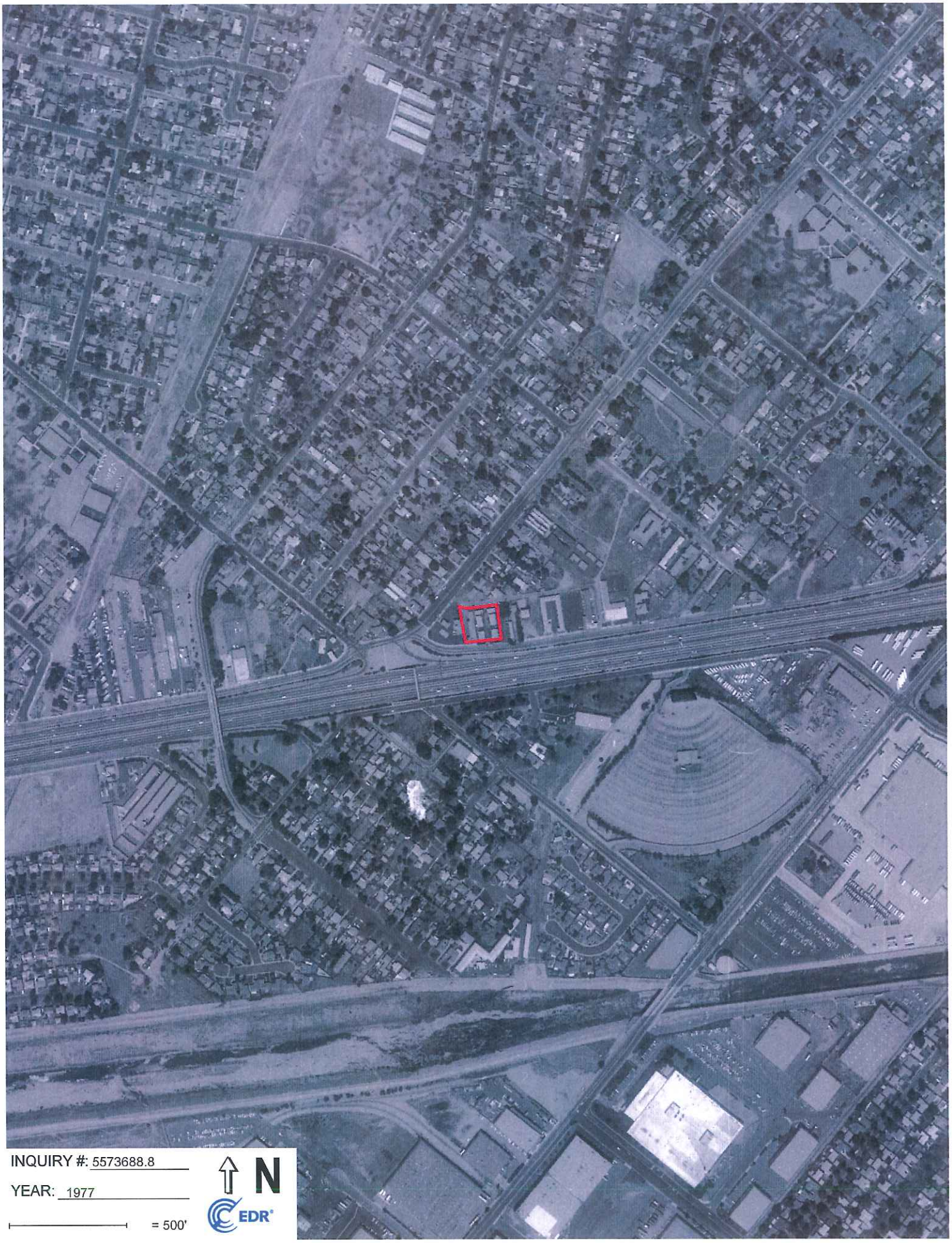
INQUIRY #: 5573688.8

YEAR: 1979

= 500'

N

EDR



INQUIRY #: 5573688.8

YEAR: 1977

= 500'

N

EDR

INQUIRY #: 5573688.8

YEAR: 1964

= 500'

N

EDR

INQUIRY #: 5573688.8
YEAR: 1952
= 500'
N
EDR

INQUIRY #: 5573688.8

YEAR: 1948

= 500'

N

EDR

INQUIRY #: 5573688.8

YEAR: 1938

= 500'

N

EDR

INQUIRY #: 5573688.8

YEAR: 1928

= 500'

N

EDR

13057-13065 Garvey Ave
13057-13065 Garvey Ave
Baldwin Park, CA 91706

Inquiry Number: 5573688.3
February 26, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/26/19

Site Name:

13057-13065 Garvey Ave
13057-13065 Garvey Ave
Baldwin Park, CA 91706
EDR Inquiry # 5573688.3

Client Name:

ENCON Technologies Inc.
12145 Mora Drive
Santa Fe, CA 90670
Contact: Elizabeth Bartley

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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:

Certification # 9900-4B90-8F57

PO # NA

Project Baldwin Park Properties

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 9900-4B90-8F57

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- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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ENCON

Exhibit C

LA DPW Record Review

Industrial Waste / Underground Storage Tanks / Stormwater

Back

You searched the following address:

Street Number: 13057 Street Name: Garvey

Our office does not have any records (related to industrial waste/underground storage tanks/stormwater) for the requested site address.

Please double check the spelling of the street name or search a different address. Both street number and street name must be exact and spelled correctly as they appear for the facility on file. Do not include street direction prefix (i.e. N, S, E, W, etc...) or suffix (i.e. ST, AVE, RD, BLVD, etc...) unless they appear in the street name (i.e. AVENUE K, AVENIDA CESAR CHAVEZ, 10TH ST EAST, CROSSROADS PKWY N, etc...). Do not include any extra spaces after the street number or after the street name.

Back

Industrial Waste / Underground Storage Tanks / Stormwater

Back

You searched the following address:

Street Number: 13061 Street Name: Garvey

Our office does not have any records (related to industrial waste/underground storage tanks/stormwater) for the requested site address.

Please double check the spelling of the street name or search a different address. Both street number and street name must be exact and spelled correctly as they appear for the facility on file. Do not include street direction prefix (i.e. N, S, E, W, etc...) or suffix (i.e. ST, AVE, RD, BLVD, etc...) unless they appear in the street name (i.e. AVENUE K, AVENIDA CESAR CHAVEZ, 10TH ST EAST, CROSSROADS PKWY N, etc...). Do not include any extra spaces after the street number or after the street name.

Back

Industrial Waste / Underground Storage Tanks / Stormwater

Back

You searched the following address:

Street Number: 13065 Street Name: Garvey

Our office does not have any records (related to industrial waste/underground storage tanks/stormwater) for the requested site address.

Please double check the spelling of the street name or search a different address. Both street number and street name must be exact and spelled correctly as they appear for the facility on file. Do not include street direction prefix (i.e. N, S, E, W, etc...) or suffix (i.e. ST, AVE, RD, BLVD, etc...) unless they appear in the street name (i.e. AVENUE K, AVENIDA CESAR CHAVEZ, 10TH ST EAST, CROSSROADS PKWY N, etc...). Do not include any extra spaces after the street number or after the street name.

Back

Department of Public Works
dpw.lacounty.gov

Clean LA for Residents
Clean LA for Business
Clean LA for Government
Clean LA is for ALL
Los Angeles County

Reduce, Reuse, Recycle
Trash Collection / Illegal Dumping
Household Hazardous Waste / Electronic Waste
Used Motor Oil Recycling
Industrial Waste
Underground Storage Tanks
Solid Waste
Stormwater
Water Conservation
Youth Education

Online File Review

Industrial Waste / Underground Storage Tanks / Stormwater

Back

Click on the file number(s) below to review the scanned documents for the requested site address. If the file number(s) is greyed out and you are unable to click on the file number(s), scanned documents are not available at this time.
Please Note: *All documents have not been uploaded to this webpage. If additional information is needed please contact our public counter at:*

Public Counter
Phone: *626-458-3517*
Hours: *Monday-Thursday 7am – 5pm*
Location: *900 S. Fremont Ave. Annex Bldg 3rd Floor*
Alhambra, CA 91803

FILE#	SITE ADDRESS	FILE NAME	STAT	TYPE
014952-015796	3026 FRAZIER ST BALDWIN PARK 91706	ARCO TEK N' SAV INC	CLOS	T
014952-021302	3026 FRAZIER ST BALDWIN PARK 91706	ALI'S AUTO SERVICE	CLOS	T
014952-046477	3026 FRAZIER ST BALDWIN PARK 91706	BROOKLYN AUTO SALES	REM	T

Back

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY
CONTAINER TYPES: 1,2,3,4,5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER
ROBIN-MARTIN INC
209 CARLTON AVE PASADENA CA 91103

II FACILITY

	MAILING ADDRESS TOWNSHIP/RANGE/SECTION	DEALER/FOREMAN/SUPERVISOR TELEPHONE	TYPE OF BUSINESS NO. OF CONTAINERS
A & M SERVICE 3026 N. FRAZIER ST BALDWIN PARK CA 91706	3026 N. FRAZIER ST BALDWIN PARK CA 91706	SEAN VCHIYAMADA (818) 960-5887	GASOLINE STATION 5

CROSS STREET :
GARVEY

III 24-HR. CONTACT PERSON / TELEPHONE
DAY: SEAN VCHIYAMADA (818) 960-5887 NIGHT: SEAN VCHIYAMADA (818) 444-1208

********** OWNER ASSIGNED CONTAINER NUMBER: 1 SW ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000004119500I **********

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: UNKNOWN /
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 6,000
E. REPAIRS : UNKN IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: B. VAULTING: UNKNOWN C. WALLING: UNKNOWN
D. MATERIAL : CARBON STEEL
E. LINING : UNKNOWN
F. WRAPPING : UNKNOWN

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12031 UNLEADED MOTOR VEHICLE FUEL

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY
CONTAINER TYPES: 1,2,3,4,5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

********** OWNER ASSIGNED CONTAINER NUMBER: 2 SE ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 000000041195002 **********

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: UNKNOWN /
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 6,000
E. REPAIRS : UNKN IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: B. VAULTING: UNKNOWN C. WALLING: UNKNOWN
D. MATERIAL : CARBON STEEL
E. LINING : UNKNOWN
F. WRAPPING : UNKNOWN

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12031 UNLEADED MOTOR VEHICLE FUEL

********** OWNER ASSIGNED CONTAINER NUMBER: 3 NW ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 000000041195003 **********

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: UNKNOWN /
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 6,000
E. REPAIRS : UNKN IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: REGULAR

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: B. VAULTING: UNKNOWN C. WALLING: UNKNOWN
D. MATERIAL : CARBON STEEL
E. LINING : UNKNOWN
F. WRAPPING : UNKNOWN

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12032 REGULAR MOTOR VEHICLE FUEL

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

CONTAINER TYPES: 1,2,3,4,5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

********** OWNER ASSIGNED CONTAINER NUMBER: 4 NE ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000041195004 **********

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: UNKNOWN /
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 6,000
E. REPAIRS : UNKN IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: PREMIUM

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: B. VAULTING: UNKNOWN C. WALLING: UNKNOWN
D. MATERIAL : CARBON STEEL
E. LINING : UNKNOWN
F. WRAPPING : UNKNOWN

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12033 PREMIUM MOTOR VEHICLE FUEL

********** OWNER ASSIGNED CONTAINER NUMBER: 5 ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000041195005 **********

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: UNK /
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 100
E. REPAIRS : UNKN IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : WASTE
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: WASTE OIL

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: B. VAULTING: VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNKNOWN
F. WRAPPING : UNKNOWN

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING :
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
VISUAL

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12035 WASTE OIL

Exhibit D

EDR Radius Map Records

13057-13065 Garvey Ave
13057-13065 Garvey Ave
Baldwin Park, CA 91706

Inquiry Number: 5573688.2s
February 26, 2019

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

13057-13065 GARVEY AVE
BALDWIN PARK, CA 91706

COORDINATES

Latitude (North):	34.0671670 - 34° 4' 1.80"
Longitude (West):	117.9896670 - 117° 59' 22.80"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	408674.6
UTM Y (Meters):	3769850.5
Elevation:	316 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619056 BALDWIN PARK, CA
Version Date:	2012
West Map:	5630799 EL MONTE, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515, 20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
13057-13065 GARVEY AVE
BALDWIN PARK, CA 91706

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	SAN GABRIEL VALLEY		AOCONCERN	Same	1 ft.
Reg	SAN GABRIEL VALLEY (	SUNSET & SAN BERNARD	NPL, SEMS, US ENG CONTROLS, ROD, PRP	Same	1 ft.
A1	TEK N SAV INC	3026 N FRAZIER ST	SWEEPS UST, HIST UST, CA FID UST	Higher	61, 0.012, NW
A2	R & M SERVICE	3026 FRAZIER ST	HIST UST	Higher	62, 0.012, West
A3	JACKSON PIC T	3026 FRAZIER ST	EDR Hist Auto	Higher	62, 0.012, West
A4	ALI'S AUTO SERVICE	3026 FRAZIER ST	UST	Higher	62, 0.012, West
B5	WIDAK, JOSEPH S./OCC	13011 E GARVEY AVE	WIP	Lower	390, 0.074, West
C6	CITY OF BALDWIN PARK	13135 GARVEY AVE	LUST, SWEEPS UST	Lower	543, 0.103, East
C7	CITY YARD	13135 GARVEY AVE	HIST UST	Lower	543, 0.103, East
C8	CITY OF BALDWIN PARK	13135 GARVEY AVE	UST	Lower	543, 0.103, East
C9	BALDWIN PARK CITY OF	13135 E GARVEY AVE	RCRA-SQG, FINDS, ECHO	Lower	543, 0.103, East
C10	CITY BALDWIN PARK	13135 E GARVEY AVE	HIST UST, HAZNET	Lower	543, 0.103, East
B11	OHLERS SHELL SERVICE	12999 E GARVEY	EDR Hist Auto	Lower	552, 0.105, WSW
B12	HENRY * : BARRAGAN	12999 E GARVEY	SWEEPS UST, HIST UST, CA FID UST	Lower	552, 0.105, WSW
B13	HENRY * : BARRAGAN	12999 GARVEY AVE	HIST UST	Lower	601, 0.114, WSW
B14	BALDWIN SHELL	12999 GARVEY AVE	EDR Hist Auto	Lower	601, 0.114, WSW
B15	SHELL	12999 GARVEY AVE	LUST, HIST CORTESE	Lower	601, 0.114, WSW
B16	SHELL OIL CO	12999 E. GARVEY/BESS	RCRA-SQG, LUST, LOS ANGELES CO. HMS	Lower	601, 0.114, WSW
D17	KAISER FOUNDATION HO	1011 BALDWIN PARK BL	RCRA-LQG	Lower	1157, 0.219, ESE
D18	KAISER PERMANENTE (B	1011 BALDWIN PARK BL	UST	Lower	1157, 0.219, ESE
19	STEINY AND CO INC	12907 E GARVEY BLVD	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Lower	1452, 0.275, WSW
E20	FAMILIAN PIPE AND SU	777 BALDWIN PARK BLV	LUST, HIST CORTESE	Lower	2237, 0.424, South
21	ABANDONED SERVICE ST	13477 DALEWOOD ST	LUST, HIST CORTESE	Higher	2366, 0.448, East
E22	WESTERN YARNS, INC.	760 BALDWIN PARK BLV	LUST, HIST CORTESE	Lower	2466, 0.467, South
23	EXIDE BATTERY PLANT	13110 LOUDEN LN	LUST, HIST CORTESE, LOS ANGELES CO. HMS, NPDES, LA...	Lower	2625, 0.497, SSW
24	HOUSE OF PACKAGING,	13170 TEMPLE AVENUE	ENVIROSTOR	Lower	3343, 0.633, SSW
25	SHASTA PETROLEUM COR	1352 VIRGINIA AVE	RCRA-SQG, ENVIROSTOR, CPS-SLIC, SWEEPS UST, HIST...	Higher	3670, 0.695, East
F26	LIGHT METAL INDUS	13329 ECTOR ST	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG,...	Lower	3845, 0.728, South
F27	LIGHT METALS	13329 ECTOR STREET	EMI, HWP	Lower	3845, 0.728, South
G28	FLINT GROUP NORTH AM	13055 TEMPLE	ENVIROSTOR, SWEEPS UST, HIST UST, CA FID UST, EMI,...	Lower	4013, 0.760, SW
G29	FLINK INK NORTH AMER	13055 E. TEMPLE AVE	CORRACTS, RCRA-TSDF, RCRA-CESQG, ICIS, US AIRS,...	Lower	4013, 0.760, SW
30	INDUSTRIAL ENAMELING	1529 VIRGINIA AVE	RCRA-SQG, ENVIROSTOR, CPS-SLIC, FINDS, ECHO, EMI,...	Higher	4185, 0.793, East
31	SIERRA VISTA HIGH SC	3600 NORTH FRAZIER S	ENVIROSTOR, SCH	Higher	4275, 0.810, NE
32	R & G INDUSTRIAL ENA	1350 VINELAND AVE	RCRA-SQG, ENVIROSTOR, EMI, HAZNET, WIP	Higher	4318, 0.818, East
33	SIZE CONTROL PLATING	13349 EAST TEMPLE AV	RCRA-LQG, ENVIROSTOR, HIST UST, FINDS, ECHO, EMI,...	Lower	4464, 0.845, South
34	VALLE LINDO CONTINUA	12347 RAMONA BOULEVA	ENVIROSTOR, LUST, SCH, DEED	Lower	5127, 0.971, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ..... Superfund Enterprise Management System Archive

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US INST CONTROL ..... Sites with Institutional Controls

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ..... State Response Sites

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

SWF/LF---------- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST---------- Leaking Underground Storage Tanks on Indian Land
CPS-SLIC---------- Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST---------- Underground Storage Tank Listing
AST---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP---------- Voluntary Cleanup Priority Listing
VCP---------- Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT---------- Waste Management Unit Database
SWRCY---------- Recycler Database
HAULERS---------- Registered Waste Tire Haulers Listing
INDIAN ODI---------- Report on the Status of Open Dumps on Indian Lands
ODI---------- Open Dump Inventory
DEBRIS REGION 9---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL---------- Delisted National Clandestine Laboratory Register
HIST Cal-Sites---------- Historical Calsites Database
SCH---------- School Property Evaluation Program
CDL---------- Clandestine Drug Labs
Toxic Pits---------- Toxic Pits Cleanup Act Sites
CERS HAZ WASTE---------- CERS HAZ WASTE
US CDL---------- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CERS TANKS---------- California Environmental Reporting System (CERS) Tanks

EXECUTIVE SUMMARY

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List

CUPA Listings---------- CUPA Resources List
DRYCLEANERS---------- Cleaner Facilities
EMI---------- Emissions Inventory Data
ENF---------- Enforcement Action Listing
Financial Assurance---------- Financial Assurance Information Listing
HAZNET---------- Facility and Manifest Data
ICE---------- ICE
LOS ANGELES CO. HMS---- HMS: Street Number List
HWT---------- Registered Hazardous Waste Transporter Database
MINES---------- Mines Site Location Listing
MWMP---------- Medical Waste Management Program Listing
NPDES---------- NPDES Permits Listing
PEST LIC---------- Pesticide Regulation Licenses Listing
PROC---------- Certified Processors Database
Notify 65---------- Proposition 65 Records
LA Co. Site Mitigation---------- Site Mitigation List
UIC---------- UIC Listing
UIC GEO---------- UIC GEO (GEOTRACKER)
WASTEWATER PITS---------- Oil Wastewater Pits Listing
WDS---------- Waste Discharge System
MILITARY PRIV SITES---------- MILITARY PRIV SITES (GEOTRACKER)
PROJECT---------- PROJECT (GEOTRACKER)
WDR---------- Waste Discharge Requirements Listing
CIWQS---------- California Integrated Water Quality System
CERS---------- CERS
NON-CASE INFO---------- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS---------- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS---------- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT---------- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ---------- Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP---------- EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal 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 12/12/2018 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 (Cerclis ID:: 902092 EPA Id: CAD980818512	***SUNSET & SAN BERNARD***	***0 - 1/8 (0.000 mi.)***	***0***	***9***

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 12/12/2018 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (Site ID: 0902092 EPA Id: CAD980818512	***SUNSET & SAN BERNARD***	***0 - 1/8 (0.000 mi.)***	***0***	***9***

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/01/2018 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LIGHT METAL INDUS EPA ID:: CAD054846670	***13329 ECTOR ST***	***S 1/2 - 1 (0.728 mi.)***	***F26***	***80***
FLINK INK NORTH AMER	***13055 E. TEMPLE AVE***	***SW 1/2 - 1 (0.760 mi.)***	***G29***	***168***

EPA ID:: CAD008330185

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO EPA ID:: CAL000356334	1011 BALDWIN PARK BL	ESE 1/8 - 1/4 (0.219 mi.)	D17	45

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 03/01/2018 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BALDWIN PARK CITY OF EPA ID:: CAD981449788	***13135 E GARVEY AVE***	***E 0 - 1/8 (0.103 mi.)***	***C9***	***30***
SHELL OIL CO EPA ID:: CAD981403405	***12999 E. GARVEY/BESS***	***WSW 0 - 1/8 (0.114 mi.)***	***B16***	***42***

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 07/31/2018 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 (EPA ID:: CAD980818512 EPA ID:: CAD980818512	***SUNSET & SAN BERNARD***	***0 - 1/8 (0.000 mi.)***	***0***	***9***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/29/2018 has revealed that there are 9 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHASTA PETROLEUM COR Facility Id: 60001670 Status: Refer: EPA	***1352 VIRGINIA AVE***	***E 1/2 - 1 (0.695 mi.)***	***25***	***75***
INDUSTRIAL ENAMELING Facility Id: 60001742 Status: Refer: EPA	***1529 VIRGINIA AVE***	***E 1/2 - 1 (0.793 mi.)***	***30***	***192***
SIERRA VISTA HIGH SC Facility Id: 19820088 Status: No Further Action	***3600 NORTH FRAZIER S***	***NE 1/2 - 1 (0.810 mi.)***	***31***	***200***
R & G INDUSTRIAL ENA Facility Id: 60001689 Status: Refer: EPA	***1350 VINELAND AVE***	***E 1/2 - 1 (0.818 mi.)***	***32***	***203***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HOUSE OF PACKAGING, Facility Id: 71002829 Status: Refer: Other Agency	13170 TEMPLE AVENUE	SSW 1/2 - 1 (0.633 mi.)	24	74
LIGHT METAL INDUS Facility Id: 80001418 Status: No Further Action	***13329 ECTOR ST***	***S 1/2 - 1 (0.728 mi.)***	***F26***	***80***
FLINT GROUP NORTH AM Facility Id: 80001560 Status: Active	***13055 TEMPLE***	***SW 1/2 - 1 (0.760 mi.)***	***G28***	***148***
SIZE CONTROL PLATING Facility Id: 19340748 Facility Id: 71002302 Status: Refer: RWQCB Status: Refer: Other Agency	***13349 EAST TEMPLE AV***	***S 1/2 - 1 (0.845 mi.)***	***33***	***212***
VALLE LINDO CONTINUA Facility Id: 19590001 Facility Id: 19820117 Status: Certified Status: Active	***12347 RAMONA BOULEVA***	***NW 1/2 - 1 (0.971 mi.)***	***34***	***237***

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 8 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ABANDONED SERVICE ST	***13477 DALEWOOD ST***	***E 1/4 - 1/2 (0.448 mi.)***	***21***	***62***
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Facility Id: R-24234				
Status: Case Closed				
Global Id: T0603705440				
Global ID: T0603705440				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF BALDWIN PARK	***13135 GARVEY AVE***	***E 0 - 1/8 (0.103 mi.)***	***C6***	***26***
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Facility Id: R-12670				
Status: Leak being confirmed				
Global ID: T0603799296				
SHELL	***12999 GARVEY AVE***	***WSW 0 - 1/8 (0.114 mi.)***	***B15***	***37***
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Facility Id: 917060025A				
Status: Case Closed				
Global Id: T0603702625				
Global Id: T0603792879				
Global ID: T0603792879				
SHELL OIL CO	***12999 E. GARVEY/BESS***	***WSW 0 - 1/8 (0.114 mi.)***	***B16***	***42***
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Facility Id: 917060025				
Status: Case Closed				
Global ID: T0603702625				
STEINY AND CO INC	***12907 E GARVEY BLVD***	***WSW 1/4 - 1/2 (0.275 mi.)***	***19***	***52***
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Global Id: T0603785128				
FAMILIAN PIPE AND SU	***777 BALDWIN PARK BLV***	***S 1/4 - 1/2 (0.424 mi.)***	***E20***	***60***
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Facility Id: I-12638				
Status: Case Closed				
Global Id: T0603703989				
Global ID: T0603703989				
WESTERN YARNS, INC.	***760 BALDWIN PARK BLV***	***S 1/4 - 1/2 (0.467 mi.)***	***E22***	***64***
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 12/10/2018				

Status: Completed - Case Closed
Facility Id: I-15299
Status: Case Closed
Global Id: T0603704286
Global ID: T0603704286

EXIDE BATTERY PLANT	***13110 LOUDEN LN***	***SSW 1/4 - 1/2 (0.497 mi.)***	***23***	***67***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 102.7209
Status: Case Closed
Global Id: T0603700135
Global ID: T0603700135

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALI'S AUTO SERVICE	3026 FRAZIER ST	W 0 - 1/8 (0.012 mi.)	A4	26
Database: UST, Date of Government Version: 12/10/2018 Facility Id: 21302				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF BALDWIN PARK	13135 GARVEY AVE	E 0 - 1/8 (0.103 mi.)	C8	30
Database: UST, Date of Government Version: 12/10/2018 Facility Id: LACoFA0012308 Facility Id: 12670				
KAISER PERMANENTE (B	1011 BALDWIN PARK BL	ESE 1/8 - 1/4 (0.219 mi.)	D18	52
Database: UST, Date of Government Version: 12/10/2018 Facility Id: 20803 Facility Id: LACoFA0004865				

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. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

A review of the AOCONCERN list, as provided by EDR, 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	9

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEK N SAV INC Status: A Tank Status: A Comp Number: 15796	***3026 N FRAZIER ST***	***NW 0 - 1/8 (0.012 mi.)***	***A1***	***22***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF BALDWIN PARK Status: A Tank Status: A Comp Number: 12670	***13135 GARVEY AVE***	***E 0 - 1/8 (0.103 mi.)***	***C6***	***26***
HENRY * : BARRAGAN Status: A Tank Status: A Comp Number: 10104	***12999 E GARVEY***	***WSW 0 - 1/8 (0.105 mi.)***	***B12***	***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 6 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEK N SAV INC	***3026 N FRAZIER ST***	***NW 0 - 1/8 (0.012 mi.)***	***A1***	***22***
R & M SERVICE Facility Id: 00000041195	3026 FRAZIER ST	W 0 - 1/8 (0.012 mi.)	A2	24

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY YARD Facility Id: 00000065283	13135 GARVEY AVE	E 0 - 1/8 (0.103 mi.)	C7	29
CITY BALDWIN PARK	***13135 E GARVEY AVE***	***E 0 - 1/8 (0.103 mi.)***	***C10***	***32***
HENRY * : BARRAGAN	***12999 E GARVEY***	***WSW 0 - 1/8 (0.105 mi.)***	***B12***	***34***
HENRY * : BARRAGAN	12999 GARVEY AVE	WSW 0 - 1/8 (0.114 mi.)	B13	36

Facility Id: 00000006446

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 are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEK N SAV INC Facility Id: 19038043 Status: A	*3026 N FRAZIER ST*	*NW 0 - 1/8 (0.012 mi.)*	*A1*	*22*

Lower Elevation	Address	Direction / Distance	Map ID	Page
*HENRY * : BARRAGAN* Facility Id: 19001178 Status: A	*12999 E GARVEY*	*WSW 0 - 1/8 (0.105 mi.)*	*B12*	*34*

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 12/12/2018 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 (EPA ID:: CAD980818512	*SUNSET & SAN BERNARD*	*0 - 1/8 (0.000 mi.)*	*0*	*9*

PRP: A listing of verified Potentially Responsible Parties

A review of the PRP list, as provided by EDR, and dated 08/13/2018 has revealed that there is 1 PRP site within approximately 0.001 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*	*9*

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
ABANDONED SERVICE ST	*13477 DALEWOOD ST*	*E 1/4 - 1/2 (0.448 mi.)*	*21*	*62*

Reg Id: R-24234

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL Reg Id: 917060025	***12999 GARVEY AVE***	***WSW 0 - 1/8 (0.114 mi.)***	***B15***	***37***
FAMILIAN PIPE AND SU Reg Id: I-12638	***777 BALDWIN PARK BLV***	***S 1/4 - 1/2 (0.424 mi.)***	***E20***	***60***
WESTERN YARNS, INC. Reg Id: I-15299	***760 BALDWIN PARK BLV***	***S 1/4 - 1/2 (0.467 mi.)***	***E22***	***64***
EXIDE BATTERY PLANT Reg Id: 102.7209	***13110 LOUDEN LN***	***SSW 1/4 - 1/2 (0.497 mi.)***	***23***	***67***

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 11/19/2018 has revealed that there are 2 HWP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LIGHT METALS EPA Id: CAD054846670 Cleanup Status: PROTECTIVE FILER	***13329 ECTOR STREET***	***S 1/2 - 1 (0.728 mi.)***	***F27***	***147***
FLINT GROUP NORTH AM EPA Id: CAD008330185 Cleanup Status: CLOSED	***13055 TEMPLE***	***SW 1/2 - 1 (0.760 mi.)***	***G28***	***148***

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 is 1 WIP site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WIDAK, JOSEPH S./OCC	13011 E GARVEY AVE	W 0 - 1/8 (0.074 mi.)	B5	26

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk

Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

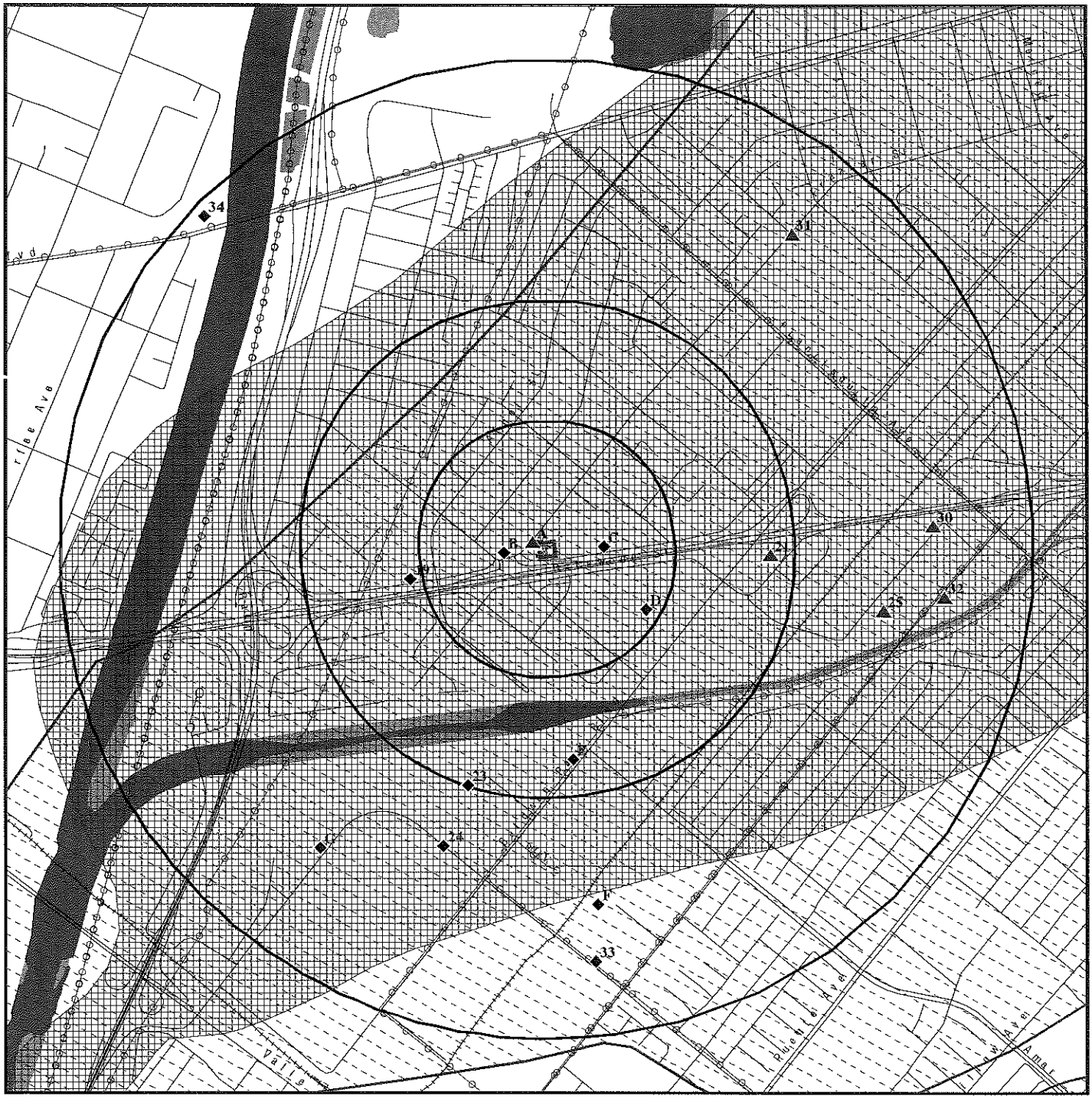
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACKSON PIC T	3026 FRAZIER ST	W 0 - 1/8 (0.012 mi.)	A3	25
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
OHLERS SHELL SERVICE	12999 E GARVEY	WSW 0 - 1/8 (0.105 mi.)	B11	34
BALDWIN SHELL	12999 GARVEY AVE	WSW 0 - 1/8 (0.114 mi.)	B14	37

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
SAN GABRIEL GROUND WATER BASIN 2	CA BOND EXP. PLAN

OVERVIEW MAP - 5573688.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 13057-13065 Garvey Ave ADDRESS: 13057-13065 Garvey Ave Baldwin Park CA 91706 LAT/LONG: 34.067167 / 117.989667	CLIENT: ENCON Technologies Inc. CONTACT: Elizabeth Bartley INQUIRY #: 5573688.2s DATE: February 26, 2019 6:35 pm

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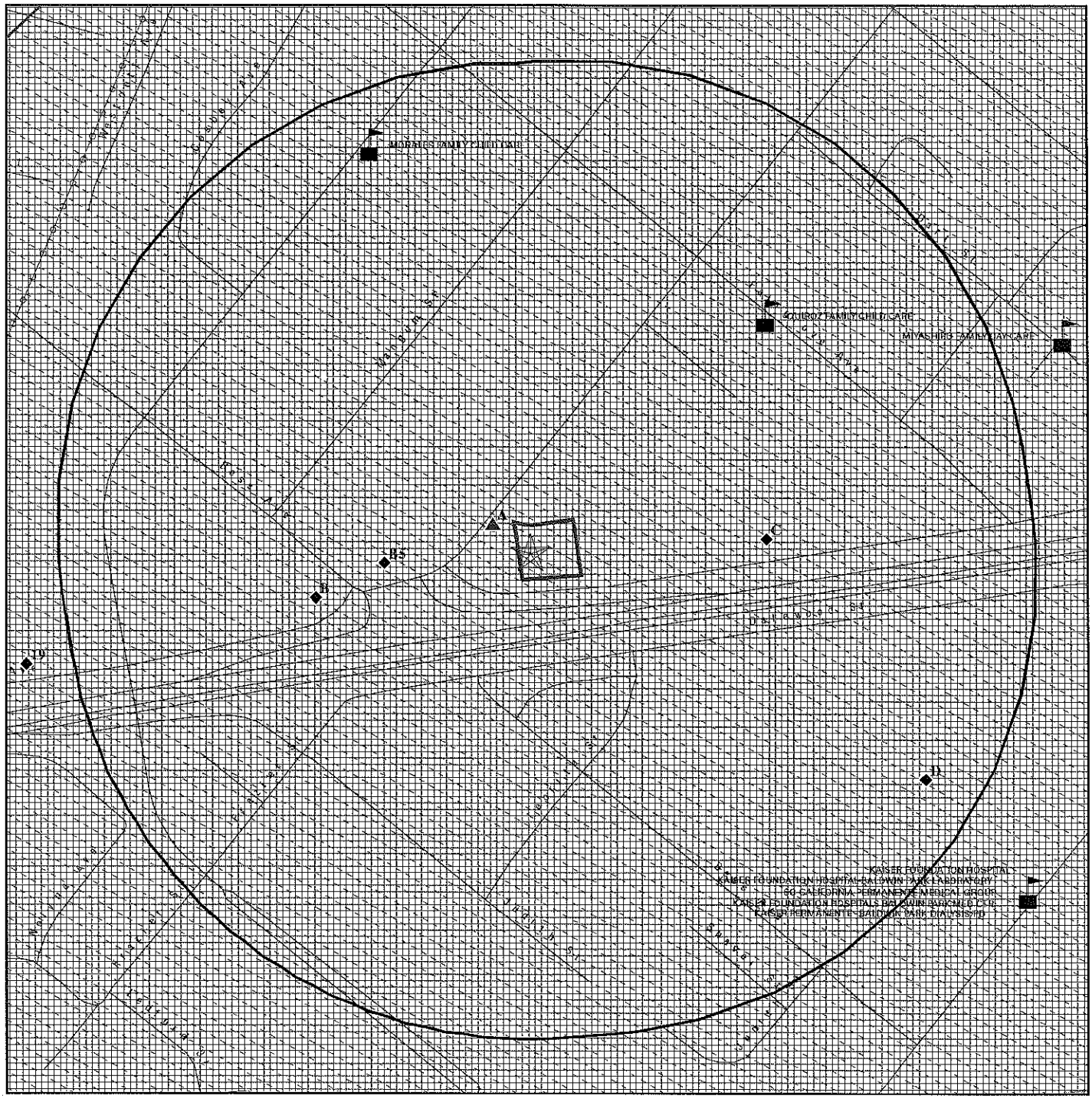
DETAIL MAP - 5573688.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 13057-13065 Garvey Ave	CLIENT: ENCON Technologies Inc.
ADDRESS: 13057-13065 Garvey Ave Baldwin Park CA 91706	CONTACT: Elizabeth Bartley INQUIRY #: 5573688.2s
LAT/LONG: 34.067167 / 117.989667	DATE: February 26, 2019 6:38 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	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	0	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	2	NR	2
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	1	NR	NR	NR	1
RCRA-SQG	0.250		2	0	NR	NR	NR	2
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	9	NR	9
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		3	0	5	NR	NR	8

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	1	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
AOCONCERN	1.000		1	0	0	0	NR	1
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		3	0	NR	NR	NR	3
HIST UST	0.250		6	0	NR	NR	NR	6
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		2	0	NR	NR	NR	2
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		1	0	0	0	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		1	NR	NR	NR	NR	1
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	0	4	NR	NR	5
LOS ANGELES CO. HMS	0.001		0	NR	NR	NR	NR	0
HWP	1.000		0	0	0	2	NR	2
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		1	0	NR	NR	NR	1
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	29	2	9	13	0	53

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Areas of Concern **SAN GABRIEL VALLEY** **AOCONCERN** **CCA0000001**
N/A

BALDWIN PARK, CA

< 1/8
1 ft.

AOC:
Description: San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

NPL **SAN GABRIEL VALLEY (AREA 2)** **NPL** **1000114961**
Region **SUNSET & SAN BERNARDINO FREEWAY** **SEMS** **CAD980818512**
BALDWIN PARK, CA 91706 **US ENG CONTROLS**
ROD
< 1/8 **PRP**
1 ft.

NPL:
EPA ID: CAD980818512
Cerclis ID: 902092
EPA Region: 9
Federal: N
Final Date: 1984-05-08 00:00:00
Site Score: 42.240000000000002
Latitude: 34.073611
Longitude: -117.9361

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

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
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

SEMS:

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Site ID: 0902092
EPA ID: CAD980818512
Cong District: 28,31,32,34
FIPS Code: 06037
Latitude: 34.073611
Longitude: -117.936100
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 1987-08-01 04:00:00
Finish Date: 3/31/1994 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 1984-05-01 05:00:00
Finish Date: 5/1/1984 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 1
Start Date: 2007-05-01 04:00:00
Finish Date: 9/27/2007 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	3
Start Date:	1984-05-01 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	3
Start Date:	2016-10-31 04:00:00
Finish Date:	8/17/2017 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	01
Action Code:	ED
Action Name:	R/H ASMT
SEQ:	1
Start Date:	1992-09-16 04:00:00
Finish Date:	9/16/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1991-12-27 05:00:00
Finish Date:	12/27/1991 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1983-09-01 04:00:00
Finish Date:	9/1/1983 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	2
Start Date:	2012-09-24 04:00:00
Finish Date:	9/24/2012 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	2006-06-23 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	01
Action Code:	JF
Action Name:	ECO RISK
SEQ:	1
Start Date:	1992-09-16 04:00:00
Finish Date:	9/16/1992 4:00:00 AM

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	2000-07-18 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1983-09-08 04:00:00
Finish Date:	9/8/1983 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	2001-04-03 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

SEQ:	1
Start Date:	1984-05-08 05:00:00
Finish Date:	5/8/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1983-03-01 05:00:00
Finish Date:	9/1/1983 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1994-03-31 05:00:00
Finish Date:	3/31/1994 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	1983-09-01 04:00:00
Finish Date:	9/1/1983 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

OU: 01
Action Code: ME
Action Name: PRP LR
SEQ: 1
Start Date: 2003-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 05
Action Code: OM
Action Name: OM
SEQ: 5
Start Date: 2006-09-28 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 04
Action Code: OM
Action Name: OM
SEQ: 4
Start Date: 2005-03-31 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 03
Action Code: OM
Action Name: OM
SEQ: 3
Start Date: 2004-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	02
Action Code:	OM
Action Name:	OM
SEQ:	2
Start Date:	2003-09-30 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	01
Action Code:	OM
Action Name:	OM
SEQ:	1
Start Date:	2003-09-30 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	05
Action Code:	BF
Action Name:	PRP RA
SEQ:	5
Start Date:	2004-09-29 04:00:00
Finish Date:	9/28/2006 4:00:00 AM
Qual:	IR
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	05
Action Code:	BE
Action Name:	PRP RD
SEQ:	5
Start Date:	2000-07-21 04:00:00
Finish Date:	9/29/2004 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	03
Action Code:	BF
Action Name:	PRP RA
SEQ:	3
Start Date:	2003-03-31 05:00:00
Finish Date:	9/30/2004 4:00:00 AM
Qual:	IR
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	03
Action Code:	BE
Action Name:	PRP RD
SEQ:	3
Start Date:	2000-07-21 04:00:00
Finish Date:	3/31/2003 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	02
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	2002-09-26 04:00:00
Finish Date:	9/30/2003 4:00:00 AM
Qual:	IR
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	02
Action Code:	BE
Action Name:	PRP RD
SEQ:	2
Start Date:	2000-07-21 04:00:00
Finish Date:	9/26/2002 4:00:00 AM

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	04
Action Code:	BF
Action Name:	PRP RA
SEQ:	4
Start Date:	2003-08-08 04:00:00
Finish Date:	3/31/2005 5:00:00 AM
Qual:	IR
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	04
Action Code:	BE
Action Name:	PRP RD
SEQ:	4
Start Date:	2000-07-21 04:00:00
Finish Date:	8/8/2003 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-04-01 05:00:00
Finish Date:	4/1/1980 5:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf

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

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Event Code: Not reported
Actual Date: 03/31/1994
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1994
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Air Stripping
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1994
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Discharge
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

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
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1994
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

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
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:

PRP Name:

A & J SYSTEMS
A&E PLASTICS CO.
A-1 ORNAMENTAL IRON
ACORN ENGINEERING CO.
ACROMIL
ADAMS AND COLTRIN, INC.
ADAMS CAMPBELL CO., LTD.
ADVANCED HEAT TECHNOLOGY CORP.
AEROJET ELECTROSYSTEMS
AEROJET ELECTROSYSTEMS
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROSOL SERVICES COMPANY
AIR DISTRIBUTION PRODUCTS, INC.
ALLEGIANCE HEALTHCARE CORPORATION
ALLEGIANCE HEALTHCARE CORPORATION
ALLFAST FASTENING SYSTEMS, INC.
ALLIED PHOTO PRODUCTS INC.
ALLSTATE INSURANCE CO.
AMERICAN SHEDS INC.
ARCADIA MACHINE AND TOOL
AREMAC ASSOCIATES
AREMAC HEAT TREATING,INC.
ARMY CORPS OF ENGINEERS
ARTHUR B. SCHULTZ AND JOSEPH POLTORAK
ARTISTIC POLISHING AND PLATING
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

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

CHAMPION PARTS, INC.
CHARLES HOFGAARDEN
CHEM ARROW CORPORATION
CHEMICAL WASTE MANAGEMENT
CHEMLAWN SERVICE CORP.
CHEVRON CORPORATION
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.

A1 **TEK N SAV INC** **SWEEPS UST** **S101586089**
NW **3026 N FRAZIER ST** **HIST UST** **N/A**
< 1/8 **BALDWIN PARK, CA 91706** **CA FID UST**
0.012 mi.
61 ft. **Site 1 of 4 in cluster A**

Relative: **Higher**
Actual: **316 ft.**

SWEEPS UST:

Status:	Active
Comp Number:	15796
Number:	1
Board Of Equalization:	Not reported
Referral Date:	01-28-92
Action Date:	01-28-92
Created Date:	09-11-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-015796-000001
Tank Status:	A
Capacity:	6000
Active Date:	09-11-90
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	5

Status:	Active
Comp Number:	15796
Number:	1
Board Of Equalization:	Not reported
Referral Date:	01-28-92
Action Date:	01-28-92
Created Date:	09-11-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-015796-000002
Tank Status:	A
Capacity:	6000
Active Date:	09-11-90
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	15796
Number:	1
Board Of Equalization:	Not reported
Referral Date:	01-28-92

TEK N SAV INC (Continued) **S101586089**

Action Date:	01-28-92
Created Date:	09-11-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-015796-000003
Tank Status:	A
Capacity:	6000
Active Date:	09-11-90
Tank Use:	M.V. FUEL
STG:	P
Content:	OTHER
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	15796
Number:	1
Board Of Equalization:	Not reported
Referral Date:	01-28-92
Action Date:	01-28-92
Created Date:	09-11-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-015796-000004
Tank Status:	A
Capacity:	6000
Active Date:	09-11-90
Tank Use:	M.V. FUEL
STG:	P
Content:	OTHER
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	15796
Number:	1
Board Of Equalization:	Not reported
Referral Date:	01-28-92
Action Date:	01-28-92
Created Date:	09-11-90
Owner Tank Id:	5
SWRCB Tank Id:	19-000-015796-000005
Tank Status:	A
Capacity:	550
Active Date:	01-28-92
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

File Number:	00028022
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028022.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported

TEK N SAV INC (Continued) **S101586089**

Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 19038043
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8183378001
Mail To: Not reported
Mailing Address: 3026 N FRAZIER ST
Mailing Address 2: Not reported
Mailing City,St,Zip: BALDWIN PARK 91706
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

A2 **R & M SERVICE** **HIST UST** **U001568795**
West **3026 FRAZIER ST** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.012 mi.
62 ft. **Site 2 of 4 in cluster A**

Relative:
Higher

Actual:
316 ft.

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000041195
Facility Type: Gas Station
Other Type: Not reported
Contact Name: SEAN VCHIYAMADA
Telephone: 8189605887
Owner Name: ROBIN-MARTIN INC
Owner Address: 209 CARLTON AVE
Owner City,St,Zip: PASADENA, CA 91103
Total Tanks: 0005

Tank Num: 001
Container Num: 1 SW
Year Installed: Not reported
Tank Capacity: 00006000

R & M SERVICE (Continued) **U001568795**

Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2 SE
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3 NW
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4 NE
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00000100
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

A3
West
< 1/8
0.012 mi.
62 ft.

JACKSON PIC T **EDR Hist Auto** **1020275152**
3026 FRAZIER ST **N/A**
BALDWIN PARK, CA 91706

Site 3 of 4 in cluster A

Relative:
Higher

EDR Hist Auto

Actual:
316 ft.

Year:	Name:	Type:
1973	SELL H A TEXACO	Gasoline Service Stations
1974	SELL H A TEXACO	Gasoline Service Stations
1975	SELL H A TEXACO	Gasoline Service Stations
1976	SELL H A TEXACO	Gasoline Service Stations
1977	SELL H A TEXACO	Gasoline Service Stations
1978	SELL H A TEXACO	Gasoline Service Stations
1979	SELL H A TEXACO	Gasoline Service Stations
1980	SELL H A TEXACO	Gasoline Service Stations

JACKSON PIC T (Continued) **1020275152**

1982	SELL H A TEXACO	Gasoline Service Stations
1983	SELL H A TEXACO	Gasoline Service Stations
1985	WORLD CLASS AUTO CARE	General Automotive Repair Shops
1989	AMERICAN & JAPANESE ENGIN	General Automotive Repair Shops
1989	TEK N SAVE INC	Gasoline Service Stations
1991	JACKSON PIC T	Gasoline Service Stations, NEC
1991	TEK N SAVE INC	Gasoline Service Stations
1991	AMERICAN & JAPANESE ENGIN	General Automotive Repair Shops
1992	AMERICAN & JAPANESE ENGIN	General Automotive Repair Shops
1992	JACKSON PIC T	Gasoline Service Stations, NEC
1993	JACKSON PIC T	Gasoline Service Stations, NEC
1993	AMERICAN & JAPANESE ENGIN	General Automotive Repair Shops
1994	JACKSON PIC T	Gasoline Service Stations, NEC
1995	JACKSON PIC T	Gasoline Service Stations, NEC
1996	JACKSON PIC T	Gasoline Service Stations, NEC
2013	SUPER TECH AUTO SERVICES	General Automotive Repair Shops
2014	SUPER TECH AUTO SERVICES	General Automotive Repair Shops

---

A4 **ALI'S AUTO SERVICE** **UST** **U004049292**
West **3026 FRAZIER ST** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.012 mi.
62 ft. **Site 4 of 4 in cluster A**

Relative: **Higher**
Actual: **316 ft.**

UST:

Facility ID:	21302
Permitting Agency:	LOS ANGELES COUNTY
Latitude:	34.068504
Longitude:	-117.988579

B5 **WIDAK, JOSEPH S./OCCUPANT** **WIP** **S106767365**
West **13011 E GARVEY AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.074 mi.
390 ft. **Site 1 of 7 in cluster B**

Relative: **Lower**
Actual: **314 ft.**

WIP:

Region:	4
File Number:	108.6840
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

C6 **CITY OF BALDWIN PARK** **LUST** **U003777034**
East **13135 GARVEY AVE** **SWEEPS UST** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.103 mi.
543 ft. **Site 1 of 5 in cluster C**

Relative: **Lower**
Actual: **314 ft.**

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	R-12670
Status:	Leak being confirmed

CITY OF BALDWIN PARK (Continued) **U003777034**

Substance:	TPHG	
Substance Quantity:	Not reported	
Local Case No:	UNKNOWN	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603799296	
W Global ID:	Not reported	
Staff:	RVJ	
Local Agency:	Not reported	
Cross Street:	FRAZIER ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	8/12/1998	
Date Leak First Reported:		5/7/2001
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	5/7/2001	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		5/7/2001
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Piping	
Operator:	JAMES DART	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1837.4987247362474086562651199
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:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	JAMES DART	
RP Address:	14403 E PACIFIC AVE.	
Program:	LUST	
Lat/Long:	34.067628 / -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:	Haz Mat incident report filed	

SWEEPS UST:

Status:	Active
Comp Number:	12670

CITY OF BALDWIN PARK (Continued) **U003777034**

Number:	9
Board Of Equalization:	44-009874
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-012670-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	3

Status:	Active
Comp Number:	12670
Number:	9
Board Of Equalization:	44-009874
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-012670-000002
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:	12670
Number:	9
Board Of Equalization:	44-009874
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-012670-000003
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

C7
East
< 1/8
0.103 mi.
543 ft.

CITY YARD
13135 GARVEY AVE
BALDWIN PARK, CA 91706

Site 2 of 5 in cluster C

HIST UST **U001568738**
N/A

Relative:
Lower

Actual:
314 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000065283
Facility Type:	Other
Other Type:	CITY MAINT. YARD
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
Total Tanks:	0004
Tank Num:	001
Container Num:	2
Year Installed:	1978
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	0.093
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	3
Year Installed:	1978
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	0.302
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	4
Year Installed:	1978
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	0.302
Leak Detection:	Visual
Tank Num:	004
Container Num:	1
Year Installed:	1978
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1.67
Leak Detection:	Visual

C8
East
< 1/8
0.103 mi.
543 ft.

CITY OF BALDWIN PARK
13135 GARVEY AVE
BALDWIN PARK, CA 91706

Site 3 of 5 in cluster C

UST **U004049094**
N/A

Relative:
Lower

Actual:
314 ft.

UST:

Facility ID:	12670
Permitting Agency:	LOS ANGELES COUNTY
Latitude:	34.0685987
Longitude:	-117.9860753
Facility ID:	LACoFA0012308
Permitting Agency:	Los Angeles County Fire Department
Latitude:	34.06747
Longitude:	-117.98746

C9
East
< 1/8
0.103 mi.
543 ft.

BALDWIN PARK CITY OF
13135 E GARVEY AVE
BALDWIN PARK, CA 91706

Site 4 of 5 in cluster C

RCRA-SQG **1000193557**
FINDS **CAD981449788**
ECHO

Relative:
Lower

Actual:
314 ft.

RCRA-SQG:

Date form received by agency:	03/04/1986
Facility name:	BALDWIN PARK CITY OF
Facility address:	13135 E GARVEY AVE BALDWIN PARK, CA 91706
EPA ID:	CAD981449788
Mailing address:	E GARVEY AVE BALDWIN PARK, CA 91706
Contact:	ENVIRONMENTAL MANAGER
Contact address:	13135 E GARVEY AVE BALDWIN PARK, CA 91706
Contact country:	US
Contact telephone:	818-960-3993
Contact email:	Not reported
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:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

BALDWIN PARK CITY OF (Continued) **1000193557**

Owner/operator name:	CITY OF BALDWIN PARK
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
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

Violation Status: No violations found

FINDS:

Registry ID: 110002711021

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000193557
Registry ID:	110002711021
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002711021

C10
East
< 1/8
0.103 mi.
543 ft.

CITY BALDWIN PARK
13135 E GARVEY AVE
BALDWIN PARK, CA 91706

HIST UST **S113006614**
HAZNET **N/A**

Site 5 of 5 in cluster C

Relative:
Lower

Actual:
314 ft.

HIST UST:

File Number:	00026F98
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026F98.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

envid:	S113006614
Year:	2017
GEPAID:	CAD981449788
Contact:	GEORGE MARTINEZ
Telephone:	6266077146
Mailing Name:	Not reported
Mailing Address:	13135 E GARVEY AVE
Mailing City,St,Zip:	BALDWIN PARK, CA 917064627
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.125
Cat Decode:	Other organic solids
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles
envid:	S113006614
Year:	2017
GEPAID:	CAD981449788
Contact:	GEORGE MARTINEZ
Telephone:	6266077146
Mailing Name:	Not reported
Mailing Address:	13135 E GARVEY AVE

CITY BALDWIN PARK (Continued) **S113006614**

Mailing City,St,Zip:	BALDWIN PARK, CA 917064627
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.722
Cat Decode:	Waste oil and mixed oil
Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Los Angeles
envid:	S113006614
Year:	2017
GEPAID:	CAD981449788
Contact:	GEORGE MARTINEZ
Telephone:	6266077146
Mailing Name:	Not reported
Mailing Address:	13135 E GARVEY AVE
Mailing City,St,Zip:	BALDWIN PARK, CA 917064627
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.25
Cat Decode:	Off-specification, aged or surplus organics
Method Decode:	Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles
envid:	S113006614
Year:	2017
GEPAID:	CAD981449788
Contact:	GEORGE MARTINEZ
Telephone:	6266077146
Mailing Name:	Not reported
Mailing Address:	13135 E GARVEY AVE
Mailing City,St,Zip:	BALDWIN PARK, CA 917064627
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.25
Cat Decode:	Off-specification, aged or surplus organics
Method Decode:	Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Los Angeles
envid:	S113006614
Year:	2017
GEPAID:	CAD981449788
Contact:	GEORGE MARTINEZ
Telephone:	6266077146
Mailing Name:	Not reported
Mailing Address:	13135 E GARVEY AVE
Mailing City,St,Zip:	BALDWIN PARK, CA 917064627

CITY BALDWIN PARK (Continued) **S113006614**

Gen County:	Los Angeles
TSD EPA ID:	AZR000515924
TSD County:	99
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.625
Cat Decode:	Other organic solids
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
521 additional CA_HAZNET: record(s) in the EDR Site Report.

B11
WSW
< 1/8
0.105 mi.
552 ft.

OHLERS SHELL SERVICE **EDR Hist Auto** **1021823598**
12999 E GARVEY **N/A**
BALDWIN PARK, CA 91706

Site 2 of 7 in cluster B

Relative:
Lower

EDR Hist Auto

Actual:
314 ft.

Year:	Name:	Type:
1971	OHLERS SHELL SERVICE	Gasoline Service Stations

B12
WSW
< 1/8
0.105 mi.
552 ft.

HENRY * : BARRAGAN **SWEEPS UST** **S101582719**
12999 E GARVEY **HIST UST** **N/A**
BALDWIN PARK, CA 91706 **CA FID UST**

Site 3 of 7 in cluster B

Relative:
Lower

Actual:
314 ft.

SWEEPS UST:

Status:	Active
Comp Number:	10104
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:	19-000-010104-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	4

Status:	Active
Comp Number:	10104
Number:	9
Board Of Equalization:	44-000074
Referral Date:	06-30-89
Action Date:	Not reported

HENRY * : BARRAGAN (Continued) **S101582719**

Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010104-000002
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:	10104
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:	19-000-010104-000003
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:	10104
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:	19-000-010104-000004
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

File Number:	00028496
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028496.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported

HENRY * : BARRAGAN (Continued) **S101582719**

Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 19001178
Regulated By: UTNKA
Regulated ID: 00006446
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 12999 E GARVEY AVE
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

B13 **HENRY * : BARRAGAN** **HIST UST** **U001568761**
WSW **12999 GARVEY AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.114 mi.
601 ft. **Site 4 of 7 in cluster B**

Relative: **Lower**
Actual: **314 ft.**

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000006446
Facility Type: Gas Station
Other Type: Not reported
Contact Name: HENRY * : BARRAGAN
Telephone: 8189604492
Owner Name: SHELL OIL COMPANY
Owner Address: P.O. 4848
Owner City,St,Zip: ANAHEIM, CA 92803
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT

HENRY * : BARRAGAN (Continued) **U001568761**

Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10
Tank Num:	002
Container Num:	2
Year Installed:	1981
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10
Tank Num:	003
Container Num:	3
Year Installed:	1981
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10

B14 **BALDWIN SHELL** **EDR Hist Auto** **1021990940**
WSW **12999 GARVEY AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.114 mi.
601 ft. **Site 5 of 7 in cluster B**

Relative: EDR Hist Auto
Lower

Actual: **314 ft.**

Year:	Name:	Type:
1992	BALDWIN SHELL	Gasoline Service Stations
1993	BALDWIN SHELL	Gasoline Service Stations
1994	BALDWIN SHELL	Gasoline Service Stations
1995	BALDWIN SHELL	Gasoline Service Stations
1996	BALDWIN SHELL	Gasoline Service Stations
1997	BALDWIN SHELL	Gasoline Service Stations
1998	BALDWIN SHELL	Gasoline Service Stations

B15 **SHELL** **LUST** **S104816189**
WSW **12999 GARVEY AVE** **HIST CORTESE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.114 mi.
601 ft. **Site 6 of 7 in cluster B**

Relative: LUST:
Lower

Actual: **314 ft.**

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702625
Global Id:	T0603702625
Latitude:	34.066827
Longitude:	-117.991749
Status:	Completed - Case Closed
Status Date:	07/27/1994
Case Worker:	YR
RB Case Number:	917060025

SHELL (Continued) **S104816189**

Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603702625
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: T0603702625
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603702625
Action Type: Other
Date: 04/16/1986
Action: Leak Reported

Global Id: T0603702625
Action Type: Other
Date: 04/16/1986
Action: Leak Discovery

LUST:
Global Id: T0603702625
Status: Completed - Case Closed
Status Date: 07/27/1994

Global Id: T0603702625
Status: Open - Case Begin Date
Status Date: 04/16/1986

Global Id: T0603702625
Status: Open - Remediation
Status Date: 04/18/1988

Global Id: T0603702625
Status: Open - Verification Monitoring
Status Date: 10/01/1991

Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site

SHELL (Continued) **S104816189**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603792879
Global Id:	T0603792879
Latitude:	34.066941
Longitude:	-117.991224
Status:	Completed - Case Closed
Status Date:	11/20/2003
Case Worker:	NB
RB Case Number:	917060025A
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603792879
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:	T0603792879
Contact Type:	Regional Board Caseworker
Contact Name:	NHAN BAO
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	nbao@waterboards.ca.gov
Phone Number:	2135766703

LUST:

Global Id:	T0603792879
Action Type:	Other
Date:	10/30/2000
Action:	Leak Reported

Global Id:	T0603792879
Action Type:	RESPONSE
Date:	10/17/2002
Action:	Monitoring Report - Quarterly

Global Id:	T0603792879
Action Type:	ENFORCEMENT
Date:	01/14/2002
Action:	13267 Requirement

Global Id:	T0603792879
Action Type:	RESPONSE
Date:	10/17/2002
Action:	Soil and Water Investigation Report

Global Id:	T0603792879
Action Type:	RESPONSE

SHELL (Continued) **S104816189**

Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603792879
Action Type: RESPONSE
Date: 01/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603792879
Action Type: RESPONSE
Date: 01/22/2003
Action: Monitoring Report - Quarterly

Global Id: T0603792879
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603792879
Action Type: RESPONSE
Date: 04/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603792879
Action Type: RESPONSE
Date: 06/20/2003
Action: Unknown

Global Id: T0603792879
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603792879
Action Type: Other
Date: 12/09/1999
Action: Leak Discovery

Global Id: T0603792879
Action Type: ENFORCEMENT
Date: 11/20/2003
Action: Closure/No Further Action Letter

Global Id: T0603792879
Action Type: ENFORCEMENT
Date: 05/13/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0603792879
Action Type: Other
Date: 11/30/1999
Action: Leak Stopped

Global Id: T0603792879
Action Type: ENFORCEMENT
Date: 05/29/2003
Action: * No Action

SHELL (Continued) **S104816189**

LUST:

Global Id:	T0603792879
Status:	Completed - Case Closed
Status Date:	11/20/2003
Global Id:	T0603792879
Status:	Open - Case Begin Date
Status Date:	11/30/1999
Global Id:	T0603792879
Status:	Open - Remediation
Status Date:	01/14/2002
Global Id:	T0603792879
Status:	Open - Site Assessment
Status Date:	01/24/2001
Global Id:	T0603792879
Status:	Open - Site Assessment
Status Date:	09/27/2001
Global Id:	T0603792879
Status:	Open - Site Assessment
Status Date:	01/14/2002
Global Id:	T0603792879
Status:	Open - Verification Monitoring
Status Date:	10/30/2000

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	917060025A	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603792879	
W Global ID:	Not reported	
Staff:	NB	
Local Agency:	19000	
Cross Street:	Not reported	
Enforcement Type:	CLOS	
Date Leak Discovered:	12/9/1999	
Date Leak First Reported:		10/30/2000
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	11/30/1999	
Date Case Last Changed on Database:		7/15/2002
Date the Case was Closed:		11/20/2003
How Leak Discovered:	Repair Tank	
How Leak Stopped:	Not reported	

SHELL (Continued) **S104816189**

Cause of Leak:	Not reported
Leak Source:	Tank
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	2153.046505080735920298669 6019
Source of Cleanup Funding:	Tank
Preliminary Site Assessment Workplan Submitted:	1/24/2001
Preliminary Site Assessment Began:	9/27/2001
Pollution Characterization Began:	1/14/2002
Remediation Plan Submitted:	1/14/2002
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	10/30/2000
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	12/9/1999
Hist Max MTBE Conc in Groundwater:	4700
Hist Max MTBE Conc in Soil:	.025
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	<
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	DEBORAH PRYOR
RP Address:	2255 N. ONTARIO ST.
Program:	LUST
Lat/Long:	34.066941 / -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:	10/9/00 SITE ASESSMENT REPORT; 3/9/01 SUBMITTAL OF WORK PLAN

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	917060025

B16 **SHELL OIL CO** **RCRA-SQG 1000288357**
WSW **12999 E. GARVEY/BESS** **LUST CAD981403405**
< 1/8 **BALDWIN PARK, CA 91706** **LOS ANGELES CO. HMS**
0.114 mi.
601 ft. **Site 7 of 7 in cluster B**

Relative:
Lower

Actual:
314 ft.

RCRA-SQG:

Date form received by agency:	10/12/2000
Facility name:	SHELL OIL CO
Site name:	EQUILON ENTERPRISES LLC/SHELL STATION
Facility address:	12999 E. GARVEY/BESS BALDWIN PARK, CA 91706
EPA ID:	CAD981403405
Mailing address:	PO BOX 2099 HOUSTON, TX 77252-2099
Contact:	SONDRA BIENVENU
Contact address:	Not reported

SHELL OIL CO (Continued) **1000288357**

	Not reported
Contact country:	US
Contact telephone:	713-241-2258
Contact email:	Not reported
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:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	EQUILON ENTERPRISES LLC
Owner/operator address:	P O BOX 4453
	HOUSTON, TX 77210
Owner/operator country:	Not reported
Owner/operator telephone:	713-241-2258
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
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

SHELL OIL CO (Continued) **1000288357**

Historical Generators:
Date form received by agency: 04/08/1998
Site name: SHELL OIL CO
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 09/01/1996
Site name: SHELL OIL CO
Classification: Small Quantity Generator

Violation Status: No violations found

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 917060025
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Specific tank leak that has contaminated an aquifer used for drinking water
Abatement Method Used at the Site: Pump and Treat Groundwater
Global ID: T0603702625
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: 4/16/1986
Date Leak First Reported: 4/16/1986
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 10/9/2000
Date the Case was Closed: 7/27/1994
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: Tank
Operator: BARRAGAN, HENRY
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2022.5682317537191386983066513
Source of Cleanup Funding: Tank
Preliminary Site Assessment Workplan Submitted: Not reported

SHELL OIL CO (Continued) **1000288357**

Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	4/18/1988
Post Remedial Action Monitoring Began:	10/1/1991
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:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	SHELL OIL
RP Address:	Not reported
Program:	LUST
Lat/Long:	34.0671425 / -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:	PRODUCT RECOVERY UNDERWAY. NPDES PERMIT DRAFTED FOR CLEANUP.; 10/9/00 SUBMITTAL OF SITE ASSESSMENT RPT

LOS ANGELES CO. HMS:

Region:	LA
Permit Category:	T
Facility Id:	010225-010104
Facility Type:	0
Facility Status:	Closed
Area:	3X
Permit Number:	00001558T
Permit Status:	Closed

D17 **KAISER FOUNDATION HOSPITAL** **RCRA-LQG** **1016954615**
ESE **1011 BALDWIN PARK BLVD** **CAL000356334**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.219 mi.
1157 ft. **Site 1 of 2 in cluster D**

Relative: **Lower**
Actual: **314 ft.**

RCRA-LQG:

Date form received by agency:	06/08/2016
Facility name:	KAISER FOUNDATION HOSPITAL
Facility address:	1011 BALDWIN PARK BLVD BALDWIN PARK, CA 91706
EPA ID:	CAL000356334
Mailing address:	BALDWIN PARK BLVD BALDWIN PARK, CA 91706
Contact:	KATHY E MURRELL
Contact address:	BALDWIN PARK BLVD BALDWIN PARK, CA 91706
Contact country:	US
Contact telephone:	626-851-5992
Contact email:	KATHY.E.MURRELL@KP.ORG

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: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 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: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 43

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/07/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/12/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 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 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

LUST REG 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 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
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: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/18/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 09/28/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/12/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/17/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/01/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/24/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/31/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/24/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/29/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/24/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/22/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/31/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/26/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/22/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 36

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018
Date Data Arrived at EDR: 10/11/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 57

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/22/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
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: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/03/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/03/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/01/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 01/18/2019
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/22/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 01/31/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 08/28/2018
Date Data Arrived at EDR: 08/30/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 63

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/11/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/31/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/13/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 42

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 27

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/07/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/30/2018
Date Data Arrived at EDR: 09/27/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
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: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/19/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/17/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/18/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/11/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/09/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/09/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/12/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/19/2018
Number of Days to Update: 29

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Quarterly

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/18/2019
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/04/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/24/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/05/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/05/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 23

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

13057-13065 GARVEY AVE
13057-13065 GARVEY AVE
BALDWIN PARK, CA 91706

TARGET PROPERTY COORDINATES

Latitude (North):	34.067167 - 34° 4' 1.80"
Longitude (West):	117.989667 - 117° 59' 22.80"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	408674.6
UTM Y (Meters):	3769850.5
Elevation:	316 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5619056 BALDWIN PARK, CA
Version Date:	2012
West Map:	5630799 EL MONTE, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

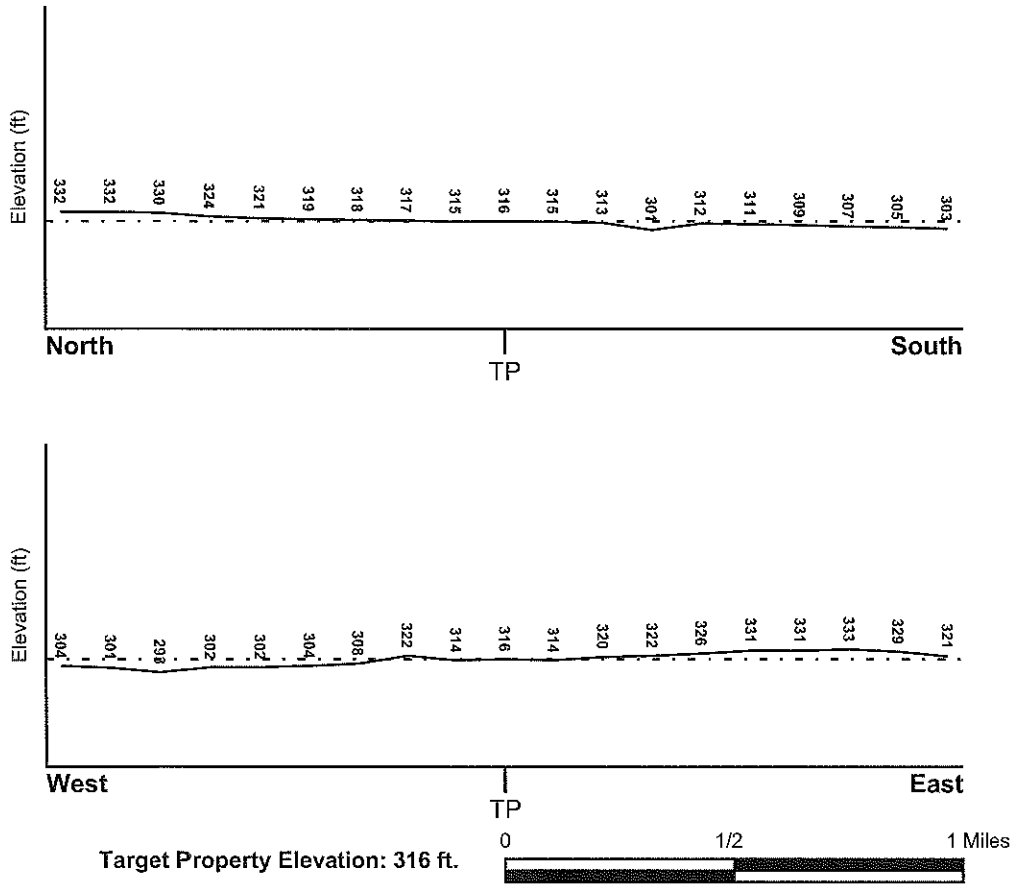
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C1700F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1675F	FEMA FIRM Flood data
06037C1670F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BALDWIN PARK	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	URBAN LAND
Soil Surface Texture:	variable
Hydrologic Group:	Not reported
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 10 inches
Depth to Bedrock Max:	> 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types:
fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types:
stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	USGS40000140401	1/4 - 1/2 Mile SE
A4	USGS40000140338	1/4 - 1/2 Mile SSW
12	USGS40000140270	1/2 - 1 Mile SSE
C14	USGS40000140422	1/2 - 1 Mile WSW
15	USGS40000140439	1/2 - 1 Mile West
C16	USGS40000140428	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CADW60000010455	0 - 1/8 Mile South
2	1324	1/8 - 1/4 Mile North
A5	CADW60000016748	1/2 - 1 Mile SSW
B6	22982	1/2 - 1 Mile West
B7	22983	1/2 - 1 Mile West
B8	22984	1/2 - 1 Mile West
B9	1404	1/2 - 1 Mile West
B10	22981	1/2 - 1 Mile West
11	1476	1/2 - 1 Mile ESE
13	CADW60000010456	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 5573688.2s

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 13057-13065 Garvey Ave ADDRESS: 13057-13065 Garvey Ave Baldwin Park CA 91706 LAT/LONG: 34.067167 / 117.989667	CLIENT: ENCON Technologies Inc. CONTACT: Elizabeth Bartley INQUIRY #: 5573688.2s DATE: February 26, 2019 6:39 pm

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PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Exhibit E

Soil and Soil Gas Analytical Results

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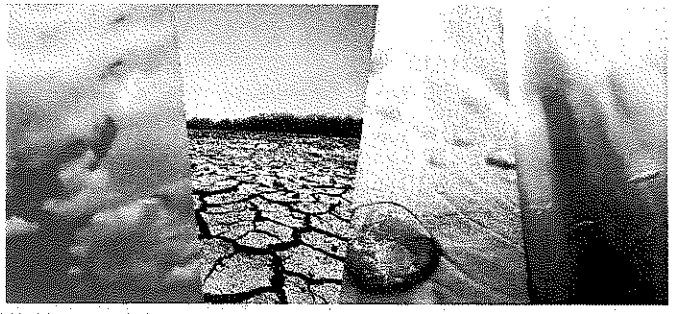
WORK ORDER NUMBER: 19-03-2361

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: ENCON Technologies, Inc.

Client Project Name: 13057 Garvey Ave. Baldwin Park, CA

Attention: Joe Scatoloni
12145 Mora Drive, Suite 7
Santa Fe Springs, CA 90670-6055

Approved for release on 04/05/2019 by:
Don Burley
Project Manager

ResultLink ›

Email your PM ›

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 19-03-2361

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Work Order Narrative

Work Order: 19-03-2361 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 03/29/19. They were assigned to Work Order 19-03-2361.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Sample Summary

Client:	ENCON Technologies, Inc.	Work Order:	19-03-2361
	12145 Mora Drive, Suite 7	Project Name:	13057 Garvey Ave. Baldwin Park, CA
	Santa Fe Springs, CA 90670-6055	PO Number:	
		Date/Time Received:	03/29/19 16:50
		Number of Containers:	6
Attn:	Joe Scatoloni		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
SB1-20'	19-03-2361-1	03/26/19 09:15	1	Solid
SB2-20'	19-03-2361-2	03/26/19 10:00	1	Solid
SB3-20'	19-03-2361-3	03/26/19 10:50	1	Solid
SD1-3'	19-03-2361-4	03/26/19 11:05	1	Solid
SD2-3'	19-03-2361-5	03/26/19 11:15	1	Solid
SD3-3'	19-03-2361-6	03/26/19 11:30	1	Solid

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Analytical Report

ENCON Technologies, Inc.
12145 Mora Drive, Suite 7
Santa Fe Springs, CA 90670-6055

Date Received: 03/29/19
Work Order: 19-03-2361
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 13057 Garvey Ave. Baldwin Park, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD1-3'	**19-03-2361-4-A**	**03/26/19 11:05**	**Solid**	**GC 49**	**04/03/19**	**04/05/19 14:28**	**190403B10**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	25	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	101	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD2-3'	**19-03-2361-5-A**	**03/26/19 11:15**	**Solid**	**GC 49**	**04/03/19**	**04/05/19 14:50**	**190403B10**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	25	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	98	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD3-3'	**19-03-2361-6-A**	**03/26/19 11:30**	**Solid**	**GC 49**	**04/03/19**	**04/05/19 15:10**	**190403B10**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	25	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	99	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-420-3150**	**N/A**	**Solid**	**GC 49**	**04/03/19**	**04/05/19 11:40**	**190403B10**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	25	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.		Date Received:	03/29/19
12145 Mora Drive, Suite 7		Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: 13057 Garvey Ave. Baldwin Park, CA			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB1-20'	**19-03-2361-1-A**	**03/26/19 09:15**	**Solid**	**GC 42**	**04/01/19**	**04/03/19 23:48**	**190403L033**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.51	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	67	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB2-20'	**19-03-2361-2-A**	**03/26/19 10:00**	**Solid**	**GC 42**	**04/01/19**	**04/04/19 00:23**	**190403L033**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.51	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	66	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB3-20'	**19-03-2361-3-A**	**03/26/19 10:50**	**Solid**	**GC 42**	**04/01/19**	**04/04/19 00:58**	**190403L033**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.49	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	66	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-571-4743**	**N/A**	**Solid**	**GC 42**	**04/03/19**	**04/03/19 12:09**	**190403L033**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	63	42-126	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 3050B
	Method:	EPA 6010B
	Units:	mg/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD1-3'	**19-03-2361-4-A**	**03/26/19 11:05**	**Solid**	**ICP 8300**	**04/03/19**	**04/04/19 14:41**	**190403L02**

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.746	0.995	
Arsenic	ND	0.746	0.995	
Barium	114	0.498	0.995	
Beryllium	0.422	0.249	0.995	
Cadmium	ND	0.498	0.995	
Chromium	15.9	0.249	0.995	
Cobalt	8.15	0.249	0.995	
Copper	19.9	0.498	0.995	
Lead	0.658	0.498	0.995	
Molybdenum	ND	0.249	0.995	
Nickel	13.0	0.249	0.995	
Selenium	ND	0.746	0.995	
Silver	ND	0.249	0.995	
Thallium	ND	0.746	0.995	
Vanadium	25.0	0.249	0.995	
Zinc	37.1	0.995	0.995	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 3050B
	Method:	EPA 6010B
	Units:	mg/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD2-3'	**19-03-2361-5-A**	**03/26/19 11:15**	**Solid**	**ICP 8300**	**04/03/19**	**04/04/19 14:43**	**190403L02**

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.754	1.01	
Arsenic	ND	0.754	1.01	
Barium	99.3	0.503	1.01	
Beryllium	0.400	0.251	1.01	
Cadmium	ND	0.503	1.01	
Chromium	15.7	0.251	1.01	
Cobalt	8.63	0.251	1.01	
Copper	17.8	0.503	1.01	
Lead	ND	0.503	1.01	
Molybdenum	ND	0.251	1.01	
Nickel	12.5	0.251	1.01	
Selenium	ND	0.754	1.01	
Silver	ND	0.251	1.01	
Thallium	0.828	0.754	1.01	
Vanadium	27.6	0.251	1.01	
Zinc	40.2	1.01	1.01	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 3050B
	Method:	EPA 6010B
	Units:	mg/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD3-3'	**19-03-2361-6-A**	**03/26/19 11:30**	**Solid**	**ICP 8300**	**04/03/19**	**04/04/19 14:44**	**190403L02**

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.785	1.05	
Arsenic	ND	0.785	1.05	
Barium	67.4	0.524	1.05	
Beryllium	ND	0.262	1.05	
Cadmium	ND	0.524	1.05	
Chromium	9.29	0.262	1.05	
Cobalt	5.48	0.262	1.05	
Copper	10.1	0.524	1.05	
Lead	ND	0.524	1.05	
Molybdenum	ND	0.262	1.05	
Nickel	7.75	0.262	1.05	
Selenium	ND	0.785	1.05	
Silver	ND	0.262	1.05	
Thallium	ND	0.785	1.05	
Vanadium	17.6	0.262	1.05	
Zinc	27.0	1.05	1.05	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.
12145 Mora Drive, Suite 7
Santa Fe Springs, CA 90670-6055

Date Received: 03/29/19
Work Order: 19-03-2361
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: 13057 Garvey Ave. Baldwin Park, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-27726**	**N/A**	**Solid**	**ICP 8300**	**04/03/19**	**04/04/19 12:28**	**190403L02**

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.725	0.966	
Arsenic	ND	0.725	0.966	
Barium	ND	0.483	0.966	
Beryllium	ND	0.242	0.966	
Cadmium	ND	0.483	0.966	
Chromium	ND	0.242	0.966	
Cobalt	ND	0.242	0.966	
Copper	ND	0.483	0.966	
Lead	ND	0.483	0.966	
Molybdenum	ND	0.242	0.966	
Nickel	ND	0.242	0.966	
Selenium	1.10	0.725	0.966	
Silver	ND	0.242	0.966	
Thallium	ND	0.725	0.966	
Vanadium	ND	0.242	0.966	
Zinc	ND	0.966	0.966	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 7471A Total
	Method:	EPA 7471A
	Units:	mg/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD1-3'	**19-03-2361-4-A**	**03/26/19 11:05**	**Solid**	**Mercury 07**	**04/04/19**	**04/04/19 15:49**	**190404L03**

Parameter	Result	RL	DF	Qualifiers
Mercury	ND	0.0820	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD2-3'	**19-03-2361-5-A**	**03/26/19 11:15**	**Solid**	**Mercury 07**	**04/04/19**	**04/04/19 15:51**	**190404L03**

Parameter	Result	RL	DF	Qualifiers
Mercury	ND	0.0847	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD3-3'	**19-03-2361-6-A**	**03/26/19 11:30**	**Solid**	**Mercury 07**	**04/04/19**	**04/04/19 15:54**	**190404L03**

Parameter	Result	RL	DF	Qualifiers
Mercury	ND	0.0794	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-272-4521**	**N/A**	**Solid**	**Mercury 07**	**04/04/19**	**04/04/19 14:59**	**190404L03**

Parameter	Result	RL	DF	Qualifiers
Mercury	ND	0.0820	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB1-20'	**19-03-2361-1-B**	**03/26/19 09:15**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 16:02**	**190404L017**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	5.2	1.00	
Ethylbenzene	ND	5.2	1.00	
Toluene	ND	5.2	1.00	
p/m-Xylene	ND	5.2	1.00	
o-Xylene	ND	5.2	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	1.00	
Tert-Butyl Alcohol (TBA)	ND	52	1.00	
Diisopropyl Ether (DIPE)	ND	10	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	1.00	
Ethanol	ND	260	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	87	80-120	
Dibromofluoromethane	124	79-133	
1,2-Dichloroethane-d4	127	71-155	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB2-20'	**19-03-2361-2-B**	**03/26/19 10:00**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 16:31**	**190404L017**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	1.00	
Diisopropyl Ether (DIPE)	ND	9.9	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.9	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.9	1.00	
Ethanol	ND	250	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	88	80-120	
Dibromofluoromethane	121	79-133	
1,2-Dichloroethane-d4	129	71-155	
Toluene-d8	102	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB3-20'	**19-03-2361-3-B**	**03/26/19 10:50**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 17:00**	**190404L017**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	5.1	1.00	
Ethylbenzene	ND	5.1	1.00	
Toluene	ND	5.1	1.00	
p/m-Xylene	ND	5.1	1.00	
o-Xylene	ND	5.1	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	51	1.00	
Diisopropyl Ether (DIPE)	ND	10	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	1.00	
Ethanol	ND	250	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	80-120	
Dibromofluoromethane	127	79-133	
1,2-Dichloroethane-d4	132	71-155	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.
12145 Mora Drive, Suite 7
Santa Fe Springs, CA 90670-6055

Date Received: 03/29/19
Work Order: 19-03-2361
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: 13057 Garvey Ave. Baldwin Park, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-15248**	**N/A**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 12:04**	**190404L017**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	1.00	
Diisopropyl Ether (DIPE)	ND	10	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	1.00	
Ethanol	ND	250	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	80-120	
Dibromofluoromethane	121	79-133	
1,2-Dichloroethane-d4	128	71-155	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 1 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD1-3'	**19-03-2361-4-B**	**03/26/19 11:05**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 17:29**	**190404L017**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	130	1.00	
Benzene	ND	5.2	1.00	
Bromobenzene	ND	5.2	1.00	
Bromochloromethane	ND	5.2	1.00	
Bromodichloromethane	ND	5.2	1.00	
Bromoform	ND	5.2	1.00	
Bromomethane	ND	26	1.00	
2-Butanone	ND	52	1.00	
n-Butylbenzene	ND	5.2	1.00	
sec-Butylbenzene	ND	5.2	1.00	
tert-Butylbenzene	ND	5.2	1.00	
Carbon Disulfide	ND	52	1.00	
Carbon Tetrachloride	ND	5.2	1.00	
Chlorobenzene	ND	5.2	1.00	
Chloroethane	ND	5.2	1.00	
Chloroform	ND	5.2	1.00	
Chloromethane	ND	26	1.00	
2-Chlorotoluene	ND	5.2	1.00	
4-Chlorotoluene	ND	5.2	1.00	
Dibromochloromethane	ND	5.2	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.2	1.00	
Dibromomethane	ND	5.2	1.00	
1,2-Dichlorobenzene	ND	5.2	1.00	
1,3-Dichlorobenzene	ND	5.2	1.00	
1,4-Dichlorobenzene	ND	5.2	1.00	
Dichlorodifluoromethane	ND	5.2	1.00	
1,1-Dichloroethane	ND	5.2	1.00	
1,2-Dichloroethane	ND	5.2	1.00	
1,1-Dichloroethene	ND	5.2	1.00	
c-1,2-Dichloroethene	ND	5.2	1.00	
t-1,2-Dichloroethene	ND	5.2	1.00	
1,2-Dichloropropane	ND	5.2	1.00	
1,3-Dichloropropane	ND	5.2	1.00	
2,2-Dichloropropane	ND	5.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 2 of 8

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	5.2	1.00	
c-1,3-Dichloropropene	ND	5.2	1.00	
t-1,3-Dichloropropene	ND	5.2	1.00	
Ethylbenzene	ND	5.2	1.00	
2-Hexanone	ND	52	1.00	
Isopropylbenzene	ND	5.2	1.00	
p-Isopropyltoluene	ND	5.2	1.00	
Methylene Chloride	ND	52	1.00	
4-Methyl-2-Pentanone	ND	52	1.00	
Naphthalene	ND	52	1.00	
n-Propylbenzene	ND	5.2	1.00	
Styrene	ND	5.2	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	1.00	
Tetrachloroethene	ND	5.2	1.00	
Toluene	ND	5.2	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.2	1.00	
1,1,1-Trichloroethane	ND	5.2	1.00	
1,1,2-Trichloroethane	ND	5.2	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	1.00	
Trichloroethene	ND	5.2	1.00	
1,2,3-Trichloropropane	ND	5.2	1.00	
1,2,4-Trimethylbenzene	ND	5.2	1.00	
Trichlorofluoromethane	ND	52	1.00	
1,3,5-Trimethylbenzene	ND	5.2	1.00	
Vinyl Acetate	ND	52	1.00	
Vinyl Chloride	ND	5.2	1.00	
p/m-Xylene	ND	5.2	1.00	
o-Xylene	ND	5.2	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	87	80-120	
Dibromofluoromethane	126	79-133	
1,2-Dichloroethane-d4	130	71-155	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 3 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD2-3'	**19-03-2361-5-B**	**03/26/19 11:15**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 17:58**	**190404L017**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	130	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 4 of 8

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	80-120	
Dibromofluoromethane	116	79-133	
1,2-Dichloroethane-d4	119	71-155	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.
12145 Mora Drive, Suite 7
Santa Fe Springs, CA 90670-6055

Date Received: 03/29/19
Work Order: 19-03-2361
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: 13057 Garvey Ave. Baldwin Park, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SD3-3'	**19-03-2361-6-B**	**03/26/19 11:30**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 18:27**	**190404L017**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	130	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 6 of 8

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	80-120	
Dibromofluoromethane	129	79-133	
1,2-Dichloroethane-d4	132	71-155	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 7 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-15248**	**N/A**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 12:04**	**190404L017**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	120	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 8 of 8

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	80-120	
Dibromofluoromethane	121	79-133	
1,2-Dichloroethane-d4	128	71-155	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.		Date Received:	03/29/19
12145 Mora Drive, Suite 7		Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: 13057 Garvey Ave. Baldwin Park, CA			Page 1 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-03-2367-1	**Sample**	**Solid**	**GC 49**	**04/03/19**	**04/05/19 14:06**	**190403S10**
19-03-2367-1	**Matrix Spike**	**Solid**	**GC 49**	**04/03/19**	**04/05/19 15:53**	**190403S10**
19-03-2367-1	**Matrix Spike Duplicate**	**Solid**	**GC 49**	**04/03/19**	**04/05/19 16:14**	**190403S10**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	408.2	400.0	758.5	88	842.4	109	64-130	10	0-15	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.		Date Received:	03/29/19
12145 Mora Drive, Suite 7		Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: 13057 Garvey Ave. Baldwin Park, CA			Page 2 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-03-2060-34	**Sample**	**Solid**	**GC 42**	**04/01/19**	**04/03/19 12:45**	**190403S007**
19-03-2060-34	**Matrix Spike**	**Solid**	**GC 42**	**04/03/19**	**04/03/19 16:50**	**190403S007**
19-03-2060-34	**Matrix Spike Duplicate**	**Solid**	**GC 42**	**04/03/19**	**04/03/19 17:24**	**190403S007**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	ND	10.00	9.850	98	9.327	93	48-114	5	0-23	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 3050B
	Method:	EPA 6010B
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 3 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-03-2305-4	Sample	Solid	ICP 8300	04/03/19	04/04/19 12:37	190403S02
19-03-2305-4	Matrix Spike	Solid	ICP 8300	04/03/19	04/04/19 12:33	190403S02
19-03-2305-4	Matrix Spike Duplicate	Solid	ICP 8300	04/03/19	04/04/19 12:35	190403S02

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	17.33	69	20.49	82	50-115	17	0-20	
Arsenic	1.534	25.00	24.53	92	27.27	103	75-125	11	0-20	
Barium	28.73	25.00	62.62	136	82.22	214	75-125	27	0-20	3,4
Beryllium	ND	25.00	24.93	100	26.74	107	75-125	7	0-20	
Cadmium	ND	25.00	24.71	99	26.85	107	75-125	8	0-20	
Chromium	9.919	25.00	43.49	134	38.36	114	75-125	13	0-20	3
Cobalt	1.976	25.00	27.23	101	28.84	107	75-125	6	0-20	
Copper	13.59	25.00	42.73	117	45.18	126	75-125	6	0-20	3
Lead	2.611	25.00	27.07	98	29.27	107	75-125	8	0-20	
Molybdenum	0.4895	25.00	24.89	98	26.96	106	75-125	8	0-20	
Nickel	18.92	25.00	62.88	176	49.44	122	75-125	24	0-20	3,4
Selenium	0.7906	25.00	24.12	93	26.71	104	75-125	10	0-20	
Silver	ND	12.50	12.58	101	13.48	108	75-125	7	0-20	
Thallium	1.112	25.00	16.74	63	20.30	77	75-125	19	0-20	3
Vanadium	4.845	25.00	32.92	112	32.87	112	75-125	0	0-20	
Zinc	32.47	25.00	63.34	123	66.26	135	75-125	5	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 7471A Total
	Method:	EPA 7471A
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 4 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-03-2305-5	**Sample**	**Solid**	**Mercury 07**	**04/04/19**	**04/04/19 15:04**	**190404S03**
19-03-2305-5	**Matrix Spike**	**Solid**	**Mercury 07**	**04/04/19**	**04/04/19 15:06**	**190404S03**
19-03-2305-5	**Matrix Spike Duplicate**	**Solid**	**Mercury 07**	**04/04/19**	**04/04/19 15:08**	**190404S03**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.6801	81	0.8105	97	71-137	18	0-14	4

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.		Date Received:	03/29/19
12145 Mora Drive, Suite 7		Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: 13057 Garvey Ave. Baldwin Park, CA			Page 5 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
19-04-0190-3	**Sample**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 13:02**	**190404S007**
19-04-0190-3	**Matrix Spike**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 13:31**	**190404S007**
19-04-0190-3	**Matrix Spike Duplicate**	**Solid**	**GC/MS BB**	**04/04/19**	**04/04/19 14:00**	**190404S007**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	48.61	97	42.67	85	61-127	13	0-20	
Carbon Tetrachloride	ND	50.00	58.72	117	50.30	101	51-135	15	0-29	
Chlorobenzene	ND	50.00	48.40	97	42.24	84	57-123	14	0-20	
1,2-Dibromoethane	ND	50.00	48.73	97	43.97	88	64-124	10	0-20	
1,2-Dichlorobenzene	ND	50.00	45.75	92	38.14	76	35-131	18	0-25	
1,2-Dichloroethane	ND	50.00	54.35	109	47.87	96	80-120	13	0-20	
1,1-Dichloroethene	ND	50.00	62.23	124	56.36	113	47-143	10	0-25	
Ethylbenzene	ND	50.00	49.23	98	41.29	83	57-129	18	0-22	
Toluene	ND	50.00	49.94	100	43.36	87	63-123	14	0-20	
Trichloroethene	ND	50.00	49.68	99	44.16	88	44-158	12	0-20	
p/m-Xylene	ND	100.0	101.4	101	84.98	85	70-130	18	0-30	
Vinyl Chloride	ND	50.00	55.12	110	51.94	104	49-139	6	0-47	
o-Xylene	ND	50.00	49.26	99	41.90	84	70-130	16	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	42.83	86	40.23	80	57-123	6	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	191.9	77	175.0	70	30-168	9	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	52.42	105	47.83	96	57-129	9	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	50.22	100	46.81	94	55-127	7	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	61.73	123	57.18	114	58-124	8	0-20	
Ethanol	ND	500.0	411.5	82	316.0	63	17-167	26	0-47	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 3550B
	Method:	EPA 8015B (M)
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 1 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-420-3150	**LCS**	**Solid**	**GC 49**	**04/03/19**	**04/05/19 13:03**	**190403B10**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Motor Oil	400.0	442.5	111	75-123	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8015B (M)
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 2 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-571-4743	**LCS**	**Solid**	**GC 42**	**04/03/19**	**04/03/19 10:59**	**190403L033**
099-14-571-4743	**LCSD**	**Solid**	**GC 42**	**04/03/19**	**04/03/19 11:34**	**190403L033**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	10.00	9.304	93	9.179	92	70-124	1	0-18	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

ENCON Technologies, Inc.		Date Received:	03/29/19
12145 Mora Drive, Suite 7		Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: 13057 Garvey Ave. Baldwin Park, CA			Page 3 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-27726	LCS	Solid	ICP 8300	04/03/19	04/04/19 12:30	190403L02
097-01-002-27726	LCSD	Solid	ICP 8300	04/03/19	04/04/19 12:32	190403L02

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Antimony	25.00	25.25	101	24.95	100	80-120	73-127	1	0-20	
Arsenic	25.00	22.61	90	22.76	91	80-120	73-127	1	0-20	
Barium	25.00	25.26	101	24.85	99	80-120	73-127	2	0-20	
Beryllium	25.00	22.47	90	22.32	89	80-120	73-127	1	0-20	
Cadmium	25.00	23.85	95	23.63	95	80-120	73-127	1	0-20	
Chromium	25.00	24.24	97	24.09	96	80-120	73-127	1	0-20	
Cobalt	25.00	24.52	98	24.21	97	80-120	73-127	1	0-20	
Copper	25.00	24.25	97	23.75	95	80-120	73-127	2	0-20	
Lead	25.00	24.48	98	24.04	96	80-120	73-127	2	0-20	
Molybdenum	25.00	23.51	94	23.17	93	80-120	73-127	1	0-20	
Nickel	25.00	24.54	98	24.31	97	80-120	73-127	1	0-20	
Selenium	25.00	22.76	91	22.90	92	80-120	73-127	1	0-20	
Silver	12.50	11.98	96	11.88	95	80-120	73-127	1	0-20	
Thallium	25.00	23.04	92	22.39	90	80-120	73-127	3	0-20	
Vanadium	25.00	22.47	90	22.04	88	80-120	73-127	2	0-20	
Zinc	25.00	24.17	97	23.64	95	80-120	73-127	2	0-20	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 7471A Total
	Method:	EPA 7471A
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 4 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-272-4521	**LCS**	**Solid**	**Mercury 07**	**04/04/19**	**04/04/19 17:09**	**190404L03**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.8600	103	85-121	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

ENCON Technologies, Inc.	Date Received:	03/29/19
12145 Mora Drive, Suite 7	Work Order:	19-03-2361
Santa Fe Springs, CA 90670-6055	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: 13057 Garvey Ave. Baldwin Park, CA		Page 5 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-796-15248	LCS	Solid	GC/MS BB	04/04/19	04/04/19 11:06	190404L017

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	50.00	40.09	80	80-120	73-127	
Carbon Tetrachloride	50.00	45.63	91	65-137	53-149	
Chlorobenzene	50.00	44.52	89	80-120	73-127	
1,2-Dibromoethane	50.00	46.79	94	80-120	73-127	
1,2-Dichlorobenzene	50.00	46.47	93	80-120	73-127	
1,2-Dichloroethane	50.00	47.04	94	80-120	73-127	
1,1-Dichloroethene	50.00	44.08	88	68-128	58-138	
Ethylbenzene	50.00	43.80	88	80-120	73-127	
Toluene	50.00	42.60	85	80-120	73-127	
Trichloroethene	50.00	40.83	82	80-120	73-127	
p/m-Xylene	100.0	90.55	91	75-125	67-133	
Vinyl Chloride	50.00	52.26	105	67-127	57-137	
o-Xylene	50.00	45.42	91	75-125	67-133	
Methyl-t-Butyl Ether (MTBE)	50.00	39.18	78	70-124	61-133	
Tert-Butyl Alcohol (TBA)	250.0	187.8	75	73-121	65-129	
Diisopropyl Ether (DIPE)	50.00	46.67	93	69-129	59-139	
Ethyl-t-Butyl Ether (ETBE)	50.00	45.80	92	70-124	61-133	
Tert-Amyl-Methyl Ether (TAME)	50.00	57.01	114	74-122	66-130	
Ethanol	500.0	322.3	64	51-135	37-149	

Total number of LCS compounds: 19
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 19-03-2361 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 6010B	EPA 3050B	771	ICP 8300	1
EPA 7471A	EPA 7471A Total	868	Mercury 07	1
EPA 8015B (M)	EPA 3550B	972	GC 49	1
EPA 8015B (M)	EPA 5030C	1161	GC 42	2
EPA 8260B	EPA 5030C	316	GC/MS BB	2

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Glossary of Terms and Qualifiers

Work Order: 19-03-2361 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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CHAIN OF CUSTODY RECORD

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

WO # / LAB USE ONLY: **19-03-2361**

DATE: 3/26/19

PAGE: 1 OF 1

LABORATORY CLIENT: ENCON TECHNOLOGIES INC.

ADDRESS: 12145 MORA DRIVE STE. 7

CITY: SANTA FE SPRINGS STATE: CA. ZIP: 90670

TEL: 562-777-2200 E-MAIL: encon@encontech.net

CLIENT PROJECT NAME / NUMBER: 13057 GATEWAY AVE. BALDWIN PARK, CA.

P.O. NO.:

PROJECT CONTACT: JOE SCATOLONI

SAMPLER(S): (PRINT) D. BALTAZAR, N. LAMBERT

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☒ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH oil	BTEX / MTBE ☒ 8260 ☐	VOCs (8260) *	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☒ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
1	SB1-20'	3/26/19	0915	soil	1				X				X		X							
2	SB2-20'		1000						X				X		X							
3	SB3-20'		1050						X				X		X							
4	SD1-3'		1105									X		X							X	
5	SD2-3'		1115									X		X							X	
6	SD3-3'	↓	1130	↓	↓							X		X							X	

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 3/29/19	Time: 1240
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 3/29/19	Time: 1650
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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WORK ORDER NUMBER: 19-03-2361

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: ENCON

DATE: 03/29/2019

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: -0.5°C); Temperature (w/o CF): 2.9 °C (w/ CF): 2.4 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: SDT

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: SDT

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: SDT

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☐	☐	☑
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Acid/base preserved samples - pH within acceptable range	☐	☐	☑
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOAh ☐ VOAna_2 ☐ 100PJ ☐ 100PJna_2 ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB ☐ 125PBznna (pH__9)
☐ 250AGB ☐ 250CGB ☐ 250CGBs (pH__2) ☐ 250PB ☐ 250PBn (pH__2) ☐ 500AGB ☐ 500AGJ ☐ 500AGJs (pH__2) ☐ 500PB
☐ 1AGB ☐ 1AGBna_2 ☐ 1AGBs (pH__2) ☐ 1AGBs (O&G) ☐ 1PB ☐ 1PBna (pH__12) ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (P) ☐ EnCores® (__) ☐ TerraCores® (__) ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na_2** = $Na_2S_2O_3$, **p** = H_3PO_4, Labeled/Checked by: SDT

s = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH Reviewed by: SDT

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

March 29, 2019 ELAP Certificate No: 2268

Mr. Joe Scataloni
ENCON Technologies
12145 Mora Drive, Suite 7
Santa Fe Springs, CA 90670

Project: Baldwin Park
C&E ID: 190326A

Dear Mr. Scataloni,

Enclosed is an analytical report for the sample(s) received by Chemical & Environmental Laboratories, Inc. on March 26, 2019 and analyzed as indicated in the chain-of-custody attached.

Unless otherwise noted, no problems were encountered during receiving, preparation and analysis of these samples.

Please call me at (562) 396-5866 if you have any questions regarding this report.

Sincerely,

Larry Zhang, Ph.D.
Laboratory Director

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8260B (VOCs) ---

Client Name:	Encon Technologies	Date Sampled:	03/26/19
Project Manager:	Joe Scataloni	Date Analyzed:	03/27/19
Project Name:	Baldwin Park	Date Reported:	03/29/19
Sample Matrix:	Vapor	Unit Reported:	µg/L

C&E LAB ID	190326A-1	190326A-2	190326A-3	190326A-4	190326A-5
SAMPLE ID	SV1-5	SV1-15	SV2-5	SV2-15	SV3-5
DF	1	1	1	1	1

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Acetone	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Benzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Bromodichloromethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Bromoform	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Bromomethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
2-Butanone (MEK)	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Carbon Disulfide	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Carbon Tetrachloride	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Chlorobenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Chloroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Chloroform	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Chloromethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Cyclohexane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Dibromochloromethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,2-Dibromo-3-Chloropropane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,2-Dibromoethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,2-Dichlorobenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,3-Dichlorobenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,4-Dichlorobenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Dichlorodifluoromethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,1-Dichloroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,2-Dichloroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,1-Dichloroethene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
cis-1,2-Dichloroethene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
trans-1,2-Dichloroethene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,2-Dichloropropane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Isopropanol	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05

To be continued on page 2

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8260B (VOCs) ---

Client Name:	Encon Technologies	Date Sampled:	03/26/19
Project Manager:	Joe Scataloni	Date Analyzed:	03/27/19
Project Name:	Baldwin Park	Date Reported:	03/29/19
Sample Matrix:	Vapor	Unit Reported:	µg/L

C&E LAB ID	190326A-1	190326A-2	190326A-3	190326A-4	190326A-5
SAMPLE ID	SV1-5	SV1-15	SV2-5	SV2-15	SV3-5
DF	1	1	1	1	1

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
trans-1,3-Dichloropropene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
cis-1,3-Dichloropropene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Ethylbenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
2-Hexanone	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Methyl Acetate	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Methylcyclohexane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Methylene Chloride	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
4-Methyl-2-Pentanone	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Styrene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Isopropylbenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
4-Isopropyltoluene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,1,2,2-Tetrachloroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Tetrachloroethene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Toluene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,2,4-Trichlorobenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,1,1-Trichloroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,1,2-Trichloroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Trichloroethene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Trichlorofluoromethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,1,2-Trichlorotrifluoroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Vinyl Chloride	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Total Xylenes	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05

Surrogate Compounds	% Surrogate Recovery (70-130)				
Dibromofluoromethane	99	107	85	84	110
1,2-Dichloroethane-d4	118	116	104	111	75
Toluene-D8	104	111	114	110	97
4-Bromofluorobenzene	97	100	95	94	96

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8260B (VOCs) ---

Client Name:	Encon Technologies	Date Sampled:	03/26/19
Project Manager:	Joe Scataloni	Date Analyzed:	03/27/19
Project Name:	Baldwin Park	Date Reported:	03/29/19
Sample Matrix:	Vapor	Unit Reported:	µg/L

C&E LAB ID	190326A-6	190326A-7	190326A-8		
SAMPLE ID	SV3-15	SV4	SV5		
DF	1	1	1		

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Acetone	ND	0.05	ND	0.05	ND	0.05				
Benzene	ND	0.05	ND	0.05	ND	0.05				
Bromodichloromethane	ND	0.05	ND	0.05	ND	0.05				
Bromoform	ND	0.05	ND	0.05	ND	0.05				
Bromomethane	ND	0.05	ND	0.05	ND	0.05				
2-Butanone (MEK)	ND	0.05	ND	0.05	ND	0.05				
Carbon Disulfide	ND	0.05	ND	0.05	ND	0.05				
Carbon Tetrachloride	ND	0.05	ND	0.05	ND	0.05				
Chlorobenzene	ND	0.05	ND	0.05	ND	0.05				
Chloroethane	ND	0.05	ND	0.05	ND	0.05				
Chloroform	ND	0.05	ND	0.05	ND	0.05				
Chloromethane	ND	0.05	ND	0.05	ND	0.05				
Cyclohexane	ND	0.05	ND	0.05	ND	0.05				
Dibromochloromethane	ND	0.05	ND	0.05	ND	0.05				
1,2-Dibromo-3-Chloropropane	ND	0.05	ND	0.05	ND	0.05				
1,2-Dibromoethane	ND	0.05	ND	0.05	ND	0.05				
1,2-Dichlorobenzene	ND	0.05	ND	0.05	ND	0.05				
1,3-Dichlorobenzene	ND	0.05	ND	0.05	ND	0.05				
1,4-Dichlorobenzene	ND	0.05	ND	0.05	ND	0.05				
Dichlorodifluoromethane	ND	0.05	ND	0.05	ND	0.05				
1,1-Dichloroethane	ND	0.05	ND	0.05	ND	0.05				
1,2-Dichloroethane	ND	0.05	ND	0.05	ND	0.05				
1,1-Dichloroethene	ND	0.05	ND	0.05	ND	0.05				
cis-1,2-Dichloroethene	ND	0.05	ND	0.05	ND	0.05				
trans-1,2-Dichloroethene	ND	0.05	ND	0.05	ND	0.05				
1,2-Dichloropropane	ND	0.05	ND	0.05	ND	0.05				
Isopropanol	ND	0.05	ND	0.05	ND	0.05				

To be continued on page 2

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8260B (VOCs) ---

Client Name:	Encon Technologies	Date Sampled:	03/26/19
Project Manager:	Joe Scataloni	Date Analyzed:	03/27/19
Project Name:	Baldwin Park	Date Reported:	03/29/19
Sample Matrix:	Vapor	Unit Reported:	µg/L

C&E LAB ID	190326A-6	190326A-7	190326A-8		
SAMPLE ID	SV3-15	SV4	SV5		
DF	1	1	1		

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
trans-1,3-Dichloropropene	ND	0.05	ND	0.05	ND	0.05				
cis-1,3-Dichloropropene	ND	0.05	ND	0.05	ND	0.05				
Ethylbenzene	ND	0.05	ND	0.05	ND	0.05				
2-Hexanone	ND	0.05	ND	0.05	ND	0.05				
Methyl Acetate	ND	0.05	ND	0.05	ND	0.05				
Methylcyclohexane	ND	0.05	ND	0.05	ND	0.05				
Methylene Chloride	ND	0.05	ND	0.05	ND	0.05				
4-Methyl-2-Pentanone	ND	0.05	ND	0.05	ND	0.05				
Styrene	ND	0.05	ND	0.05	ND	0.05				
Isopropylbenzene	ND	0.05	ND	0.05	ND	0.05				
4-Isopropyltoluene	ND	0.05	ND	0.05	ND	0.05				
1,1,2,2-Tetrachloroethane	ND	0.05	ND	0.05	ND	0.05				
Tetrachloroethene	ND	0.05	ND	0.05	ND	0.05				
Toluene	ND	0.05	ND	0.05	ND	0.05				
1,2,4-Trichlorobenzene	ND	0.05	ND	0.05	ND	0.05				
1,1,1-Trichloroethane	ND	0.05	ND	0.05	ND	0.05				
1,1,2-Trichloroethane	ND	0.05	ND	0.05	ND	0.05				
Trichloroethene	ND	0.05	ND	0.05	ND	0.05				
Trichlorofluoromethane	ND	0.05	ND	0.05	ND	0.05				
1,1,2-Trichlorotrifluoroethane	ND	0.05	ND	0.05	ND	0.05				
Vinyl Chloride	ND	0.05	ND	0.05	ND	0.05				
Total Xylenes	ND	0.05	ND	0.05	ND	0.05				

Surrogate Compounds	% Surrogate Recovery (70-130)				
Dibromofluoromethane	85	110	90		
1,2-Dichloroethane-d4	108	100	104		
Toluene-D8	100	93	94		
4-Bromofluorobenzene	94	99	99		

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 8260B (VOC) ---

I. Laboratory Control Sample

Date Analyzed: 03/27/19

LCS ID: VOC190327LC

ANALYTE	LCS %	ACP %CL
1,1-Dichloroethene	100	70-130
Benzene	100	70-130
Trichloroethene	95	70-130
Toluene	90	70-130
Chlorobenzene	85	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 03/27/19

QC Batch: VOC190327MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
1,1-Dichloroethene	95	100	5	70-130	20
Benzene	90	95	5	70-130	20
Trichloroethene	90	90	0	70-130	20
Toluene	80	80	0	70-130	20
Chlorobenzene	85	80	6	70-130	20

III. Method Blank

Date Analyzed: 03/27/19

Unit: µg/L

COMPOUND	Reporting Limit	RESULT
Acetone	0.05	ND
Benzene	0.05	ND
Bromodichloromethane	0.05	ND
Bromoform	0.25	ND
Bromomethane	0.25	ND
2-Butanone (MEK)	0.25	ND
Carbon Disulfide	0.25	ND
Carbon Tetrachloride	0.05	ND
Chlorobenzene	0.05	ND
Chloroethane	0.25	ND
Chloroform	0.05	ND
Chloromethane	0.25	ND
Cyclohexane	0.05	ND
Dibromochloromethane	0.05	ND
1,2-Dibromo-3-Chloropropane	0.25	ND
1,2-Dibromoethane	0.25	ND

COMPOUND	Reporting Limit	RESULT
1,2-Dichlorobenzene	0.25	ND
1,3-Dichlorobenzene	0.25	ND
1,4-Dichlorobenzene	0.05	ND
Dichlorodifluoromethane	0.05	ND
1,1-Dichloroethane	0.05	ND
1,2-Dichloroethane	0.25	ND
1,1-Dichloroethene	0.05	ND
cis-1,2-Dichloroethene	0.05	ND
trans-1,2-Dichloroethene	0.05	ND
1,2-Dichloropropane	0.05	ND
trans-1,3-Dichloropropene	0.05	ND
cis-1,3-Dichloropropene	0.05	ND
Ethylbenzene	0.05	ND
2-Hexanone	0.05	ND
Methyl Acetate	0.05	ND
Methylcyclohexane	0.05	ND

COMPOUND	Reporting Limit	RESULT
Methylene Chloride	0.05	ND
4-Methyl-2-Pentanone	0.05	ND
Styrene	0.05	ND
Isopropylbenzene	0.05	ND
4-Isopropyltoluene	0.05	ND
1,1,2,2-Tetrachloroethane	0.05	ND
Tetrachloroethene	0.05	ND
Toluene	0.05	ND
1,2,4-Trichlorobenzene	0.05	ND
1,1,1-Trichloroethane	0.05	ND
1,1,2-Trichloroethane	0.05	ND
Trichloroethene	0.05	ND
Trichlorofluoromethane	0.25	ND
1,1,2-Trichlorotrifluoroethane	0.05	ND
Vinyl Chloride	0.25	ND
Total Xylenes	0.05	ND

Surrogate Compounds	% Surr. Rec. (70-130)
Dibromofluoromethane	95
1,2-Dichloroethane-d4	110
Toluene-D8	99
4-Bromofluorobenzene	97

ND = Not detected at the indicated reporting limit.

CHAIN OF CUSTODY RECORD

C&E LAB ID: 190326A

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

13324 Bentley Place, Cerritos CA 90703 Tel: (562) 926-8091 Fax: (562) 926-5940

Company Name: Encon Technologies
Project Manager: Joe Scataloni
Project No./Name: Baldwin Park
Tel: (562) 777-2200 Fax: (562) 777-2201
Site Address: 13057-13065 Garvey Ave Baldwin Park, CA
Sampled By:

Page \ of
Sample Conditions: __Chilled __Seals Intact
Turn Around Time Desired: Normal / Same Day / 24hr / 48hr

SAMPLE ID	SAMPLING DATE	SAMPLING TIME	SAMPLE MATRIX (air/soil/water)	NO. OF CONTAINERS/ TYPE	8015M TPH-G	8015M TPH-D	8021B BTEX MTBE	418.1 TRPH	8260B BTEX OXY.	8260B VOC	CAM METALS	8270C SVOC	6010B LEAD	Tracer Gas
SV1-5	3/26/19	1203	Air	1 Tedlar						X				X
SV1-15	3/26/19	1222								X				X
SV2-5		1301								X				X
SV2-15		1248								X				X
SV3-5		1336								X				X
SV3-15		1323								X				X
SV4		1134								X				X
SV5		1148								X				X

Relinquished By:	Date/Time:	Received By:	Date/Time:	EDF Required: (circle) Yes No
	3/26/19 1530		3/26/19	EDF Global ID No.: T
Relinquished By:	Date/Time:	Received By:	Date/Time: 15:30	Comments:

APPENDIX D

Appendix D – Noise Impact Assessment

TRAFFIC NOISE LEVELS AND NOISE CONTOURS

Project Number: 2019-230
Project Name: **Baldwin Park Commercial Industrial**

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
Source of Traffic Volumes: Caltrans 2017 Traffic Volumes http://www.dot.ca.gov/trafficops/census/
Community Noise Descriptor: L_{dn}: _____ CNEL: x

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

Analysis Condition Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix: Medium Trucks	Vehicle Mix: Heavy Trucks	Distance from Centerline of Roadway: CNEL at 250 Feet	Distance to Contour: 70 CNEL	65 CNEL	60 CNEL	55 CNEL	Calc Dist
Analysis Condition - Existing Conditions													
Interstate 10													
Travering Project Site	12	0	235,000	65	0.5	1.8%	0.7%	**73.2**	410	884	1,904	4,102	250

SoundPLAN
Output Source Information

Number	Reciever Name	Floor	Daytime Unmitigated Level at Receiver	Daytime Mitigated Level at Receiver
1	Residential Backyard (North of Project Site)	Ground Floor	62.2 dBA	50.3 dBA
2	Residential Backyard (North of Project Site)	Ground Floor	62.9 dBA	51.1 dBA
3	Residential Backyard (North of Project Site)	Ground Floor	61.6 dBA	49.7 dBA
4	Commercial Area to the West of Project Site	Ground Floor	55.7 dBA	55.4 dBA

Number	Noise Source Information	Citation	Level at Source
1	Truck Loading Docks[1]	City of San Jose 2014 Midpoint at 237 Loading Dock Noise Study	72.0 dBA
2	Standard Parking Lot	ECORP Noise Measurements at an Existing Safeway Grocery Store Parking Lot	61.1 dBA

[1]This reference is adjusted to reflect the Leq experienced over one hour. Specifically, a truck is assumed to take approximately 5 minutes to drive in the site and position itself into one of two Project bays, 30-45 minutes to be unloaded or loaded, and another 5 minutes to exit the bay, complete necessary paperwork and drive out of the site. This equates to 40-55 minutes it would take for one truck to complete a delivery. During the loading/unloading of the truck the engine can only idle for five (5) minutes in compliance with State air quality requirements. To be conservative, it was assumed the truck engine could be operating for 15 minutes of the total time required during the delivery process (5 minutes at arrival, 5 minutes of idle and 5 minutes at departure). Noise levels drop 3 decibels each time the duration of the source is reduced in half. Therefore, hourly truck noise level associated with a single truck over a 15 minute period would be reduced 6 decibels to 66 dBA at the source based on the limited time of operation. The unmitigated noise propagation modeling accounts for 6 loading dock sources emitting noise simultaneously at the north parking lot and 5 loading dock sources emitting noise simultaneously at the south parking lot.

APPENDIX E

Appendix E – Traffic Impact Assessment

TRAFFIC IMPACT STUDY

13057 Garvey Avenue
Baldwin Park, CA 91706

December 2019

Prepared For:

ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, CA 92705

JB91223

Rev. 1

Prepared by:

1100 Corporate Center
Drive, Suite 201
Monterey Park, CA 91754
(323) 260-4703

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1. INTRODUCTION

The proposed project includes an office with light-industrial/commercial building at 13057 Garvey Avenue, within the City of Baldwin Park. KOA Corporation has been retained by ECORP Consulting, Inc. to analyze the potential traffic impacts associated with the Project. The scope and methodologies used for this traffic study were developed in consultation with City of Baldwin Park staff.

1.1 PROJECT DESCRIPTION

The proposed project is a 15,725 square foot light industrial-commercial building, which would include 11,725 square feet of industrial/commercial facility space and 4,000 square foot of mezzanine space.

On-site parking and loading access would be provided along Garvey Avenue as well as behind the property through an existing alleyway north of the site. The alleyway has access to Frazier Street at its western terminus and to Garvey Avenue at its southern terminus.

The Project is anticipated to be completed and occupied by the end of the year 2020. The proposed Project site plan is illustrated on Figure 1.

1.2 PROJECT STUDY AREA

The project study area, as defined through consultation with City staff, includes the following two study intersections:

1. Frazier Street / Garvey Avenue
2. Fairgrove Avenue /Garvey Avenue

Figure 2 illustrates the study area and the locations of the study intersections.

Figure 1 – Project Site Plan

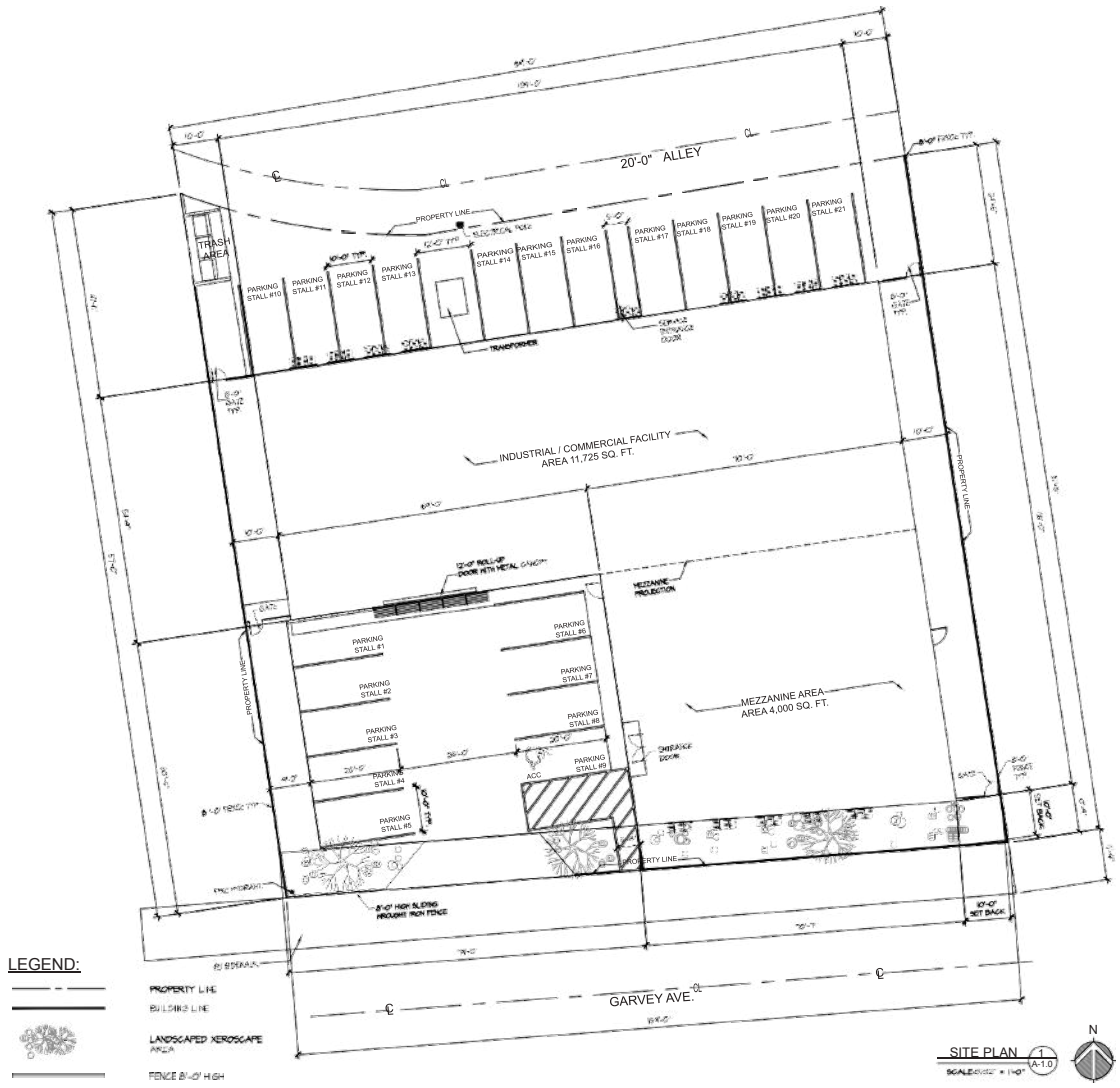


Figure 2 – Study Area Map

1.3 ANALYZED SCENARIOS

Traffic impacts associated with the proposed Project were analyzed at the study intersections for the weekday a.m. and weekday p.m. peak-hour periods. The study included the analysis of the following traffic scenarios:

- Existing
- Existing with-Project
- Future without-Project
- Future with-Project

1.4 ANALYSIS METHODOLOGY

KOA coordinated with city staff as the first step in the traffic analysis, in order to define the study area and other major details. The following text describes the study methodology for this report.

Existing Conditions

Traffic counts used in the analysis were taken from a previous study conducted earlier in October of the same year in the same study intersections. The counts were used to determine existing traffic conditions. Fieldwork within the study area was undertaken to identify the condition of key study area roadways including traffic control, approach lane configurations, and on-street parking restrictions at each study intersection.

The traffic counts sources and the existing level of service (LOS) at each of the study intersections are discussed in Section 2 of this report.

Project Trip Generation and Distribution

Project trip generation was derived from rates defined by the 10th Edition of the Institute of Transportation Engineers' *Trip Generation*. The trip generation and distribution calculations are discussed in Section 3 of this report.

Existing with-Project Conditions

Based on the projected Project traffic and the traffic count totals, an existing plus-Project conditions scenario was analyzed per CEQA directives on project impact analysis under existing baseline conditions.

The level of service for existing with-Project conditions at the study intersections is discussed in Section 4 of this report.

Future without-Project Conditions

In order to account for traffic growth in the study area, an ambient/background traffic growth rate was applied to the existing traffic counts. In addition, traffic from related/area projects (approved and pending developments) was added to the study area. The levels of service at the study intersections for future without-Project conditions are discussed in Section 5 of this report.

Future with-Project Conditions

Trips from the proposed Project were added to the future without-Project volumes to define future with-

Project traffic volume conditions. The levels of service for this scenario are discussed in Section 6 of this report.

Level of Service Methodology

For analysis of level of service (LOS) at signalized intersections, the City of Baldwin Park has designated the Intersection Capacity Utilization (ICU) methodology as the desired tool. Given the two study intersections are stop controlled however, the level of service was determined using the Highway Capacity Manual (HCM) 6th edition methodology for All-Way and Partial Stop-Controlled intersections.

A facility with LOS A indicates excellent operating conditions with little delay to motorists, whereas LOS F represents congested conditions with excessive vehicle delay. The upper limit of LOS E is typically defined as the operating capacity of a roadway.

Table 1 defines the level of service criteria applied to the study intersections.

Table 1- All-Way and Partial Stop-Controlled (HCM) Intersection Level of Service Definitions

LOS	Average Control Delay (sec/veh)
A	0 - 10
B	10 to 15
C	15-25
D	25-35
E	35-50
F	>50

Significant Traffic Impacts

Traffic impacts are identified if a proposed development will result in a significant change in traffic conditions at a study intersection. A significant impact is typically identified if project-related traffic will cause service levels to deteriorate beyond a threshold limit specified by the overseeing agency. Impacts can also be significant if an intersection is already operating below acceptable level of service values and project traffic will cause a further decline below a threshold. Determination of potential significant traffic impacts due to the proposed Project is discussed in Section 7 of this report.

2. EXISTING CONDITIONS

This section describes the existing conditions within the study area in terms of roadway facilities, transit service and traffic operating conditions.

2.1 EXISTING ROADWAY SYSTEM

The key roadways within the study area are described here. The discussion is limited to specific roadways that traverse the study intersections and serve the Project site. Figure 3 illustrates the existing traffic controls and approach lane geometries at the study intersections.

Garvey Avenue provides one travel lane in each direction. On-street parking is generally prohibited on both sides of the roadway. The speed limit is 45 miles per hour (prima facie).

Fairgrove Avenue is classified as a Residential Street in the General Plan. This roadway provides one travel lane in each direction. On-street parking is permitted on both sides of the roadway. The speed limit is 25 miles per hour (prima facie).

Frazier Street is classified as a Collector roadway south of Francisquito Avenue in the General Plan. This roadway provides one travel lane in each direction. On-street parking is generally permitted on both sides of the roadway. The posted speed limit is 35 miles per hour.

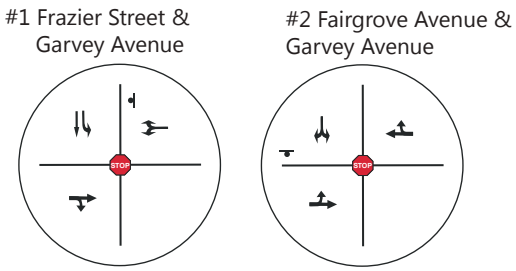
2.2 EXISTING TRANSIT SERVICE

The Project study area is served by bus transit lines operated by the City of Baldwin Park and Foothill Transit. Table 2 summarizes the Project study area transit services.

Table 2 - Existing Transit Service Summary

Agency	Line	From	To	Via	Peak Frequency
Foothill Transit	488	El Monte Bus Station	Glendora Lakes	Ramona Boulevard, Francisquito Avenue, Glendora Avenue, Rowland Avenue, and Grand Avenue	25 minutes
Baldwin Park Shuttle	Teal	Metrolink Station	Kaiser Hospital	Ramona Boulevard, Maine Avenue, Stewart Avenue, Baldwin Park Boulevard, Frazier Street	25 minutes

Figure 3 – Existing Lane Configuration



2.3 EXISTING TRAFFIC VOLUMES

Vehicle turning movement counts were collected at the study intersections on Thursday September 19, 2019 from 7:00 a.m. to 9:00 a.m. and from 4:00 p.m. to 6:00 p.m.

The traffic count data sheets are provided in Appendix A.

2.4 EXISTING INTERSECTION LEVEL OF SERVICE

Based on the intersection lane configurations and the existing traffic volumes, vehicle delay and corresponding levels of service (LOS) were determined for each of the study intersections during the weekday a.m. and p.m. peak hours.

Table 3B summarizes the resulting vehicle delay and LOS values for existing traffic conditions.

Table 3B- Intersection Performance – Existing Conditions

	Study Intersections	AM Peak		PM Peak	
		Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS
1	Frazier Street and Garvey Avenue	12.60	B	11.48	B
2	Fairgrove Avenue and Garvey Avenue	10.15	B	9.79	A

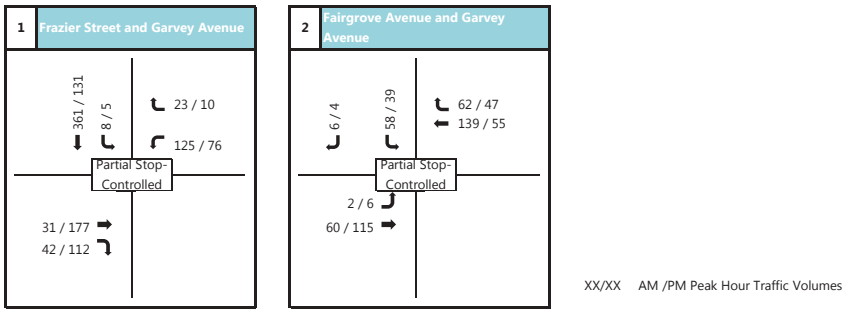
LOS = Level of Service

** Unsignalized Intersection, partial (One-way stop control), Delay values are based on controlled side street approaches and not primary roadway approaches where traffic is uncontrolled.*

All of the study intersections currently operate at LOS B or better during the weekday a.m. and p.m. peak hours.

The existing weekday a.m. peak-hour and p.m. peak-hour traffic turn movement volumes are illustrated on Figure 4 of this report. The existing traffic analysis scenario LOS worksheets are provided in Appendix B.

Figure 4 – Existing AM/PM Peak Hour Traffic Volumes



3. PROJECT TRAFFIC

This section defines the traffic that would be generated by the proposed Project in a three-step process including trip generation, trip distribution and trip assignment.

3.1 PROJECT TRIP GENERATION

Trip generation of the Project was derived from rates defined by *Trip Generation, 10th Edition,* published by the Institute of Transportation Engineers. The project mezzanine space was analyzed as office space, in order to be conservative, due to the higher trip rate associated with that use. As the project site is vacant, trip generation credits for existing uses were not included.

Table 4 – Project Trip Generation–

				Weekday						
				Daily	AM Peak Hour			PM Peak Hour		
ITE Code	Land Use	Intensity	Units	Rate	Rate	In	Out	Rate	In	Out
Trip Generation Rates										
110	General Light Industrial	-	KSF	4.96	0.70	88%	12%	0.63	13%	87%
710	General Office	-	KSF	9.74	1.16	86%	14%	1.15	16%	84%
Trip Generation Totals-New Use										
110	General Light Industrial	11.725	KSF	58	8	7	1	7	1	6
710	General Office	4	KSF	39	5	4	1	5	1	4
Total		**16**		**97**	**13**	**11**	**2**	**12**	**2**	**10**

The project would generate 97 daily trips, including 13 vehicle trips during the a.m. peak-hour (11 inbound trips and 2 outbound trips) and 12 vehicle trips during the p.m. peak hour (2 inbound trips and 10 outbound trips).

3.2 PROJECT TRIP DISTRIBUTION

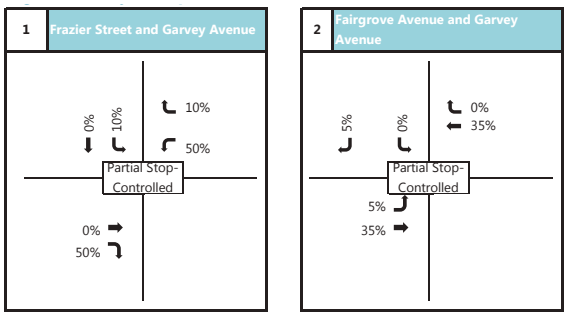
Trip distribution is the process of assigning the directions from which traffic will access the Project site. Trip distribution is dependent upon the land use characteristics of the Project, the local roadway network, and the general locations of other land uses to which Project trips would originate or terminate.

Figure 5 illustrates the trip distribution percentages at the study intersections.

3.3 PROJECT TRIP ASSIGNMENT

Based on the trip generation and distribution assumptions described above, Project traffic was assigned to the roadway system. The peak hour Project trip assignment is illustrated on Figure 6.

Figure 5 – Project Trip Distribution



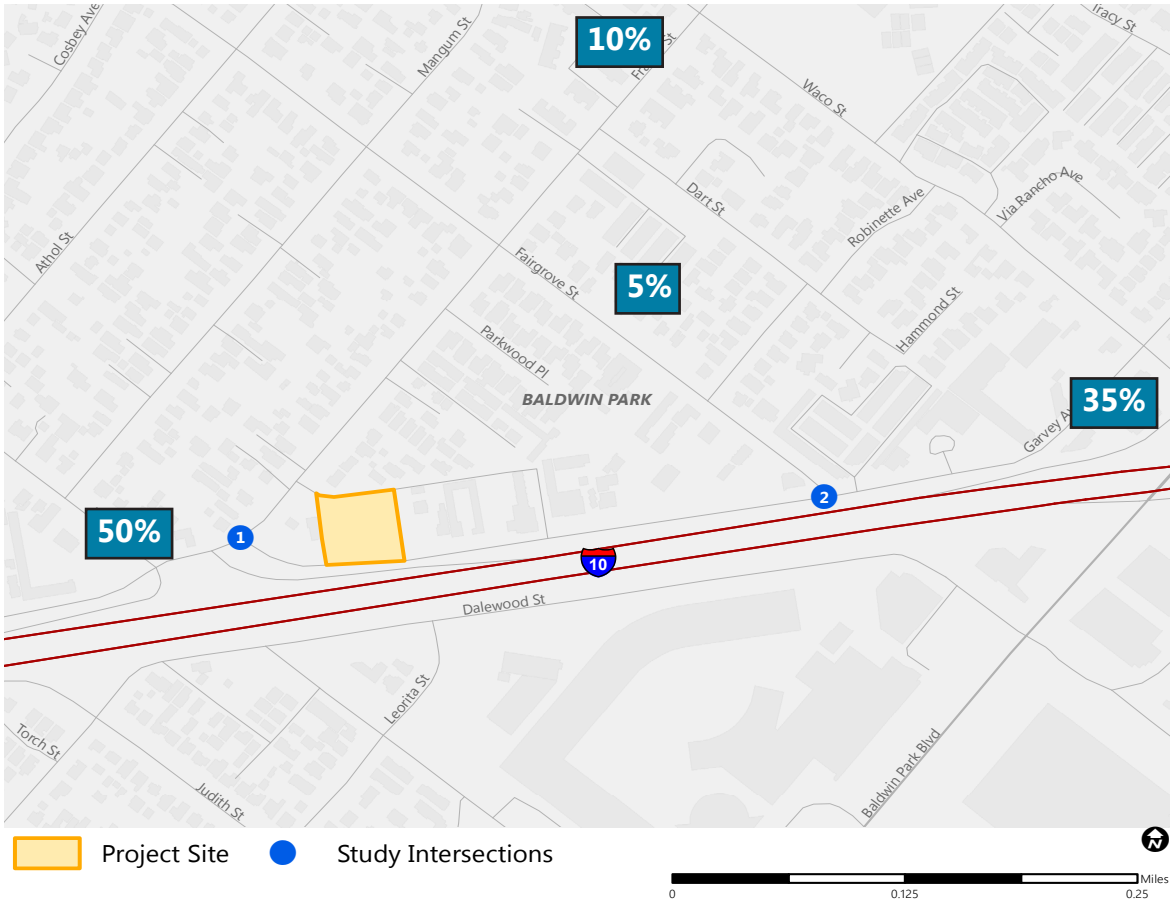
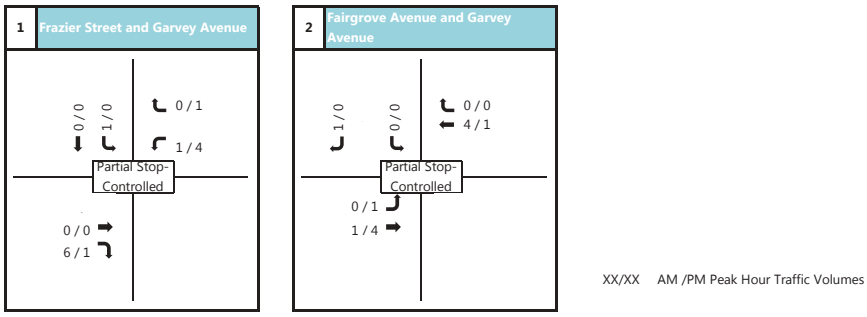


Figure 6 – Project Trip Assignment - AM/PM Peak Hour Traffic Volumes



4. EXISTING WITH PROJECT CONDITIONS

This section documents existing traffic conditions at the study intersections with the addition of Project-generated traffic. Traffic volumes for these conditions were derived by adding Project trips to the existing traffic volumes.

Table 5 summarizes the resulting vehicle delay and LOS values at the study intersections for the existing with-Project conditions.

Table 5- Intersection Performance – Existing With-Project

Study Intersections		AM Peak		PM Peak	
		Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS
1	Frazier Street and Garvey Avenue	12.69	B	11.54	B
2	Fairgrove Avenue and Garvey Avenue	10.18	B	9.84	A

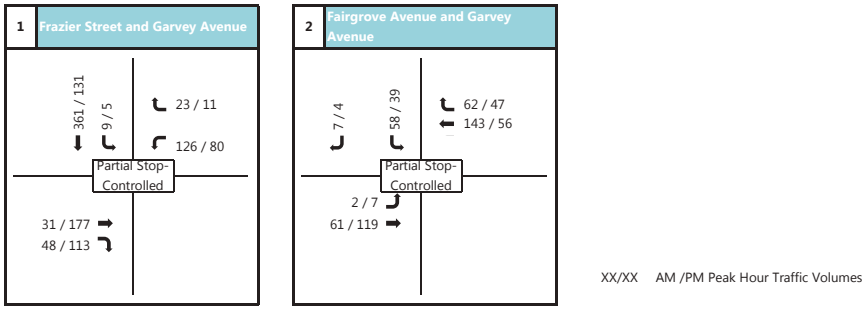
LOS = Level of Service

** Unsignalized Intersection, partial (One-way stop control), Delay values are based on controlled side street approaches and not primary roadway approaches where traffic is uncontrolled.*

Operations would not change substantially from existing conditions. All intersections would operate at LOS B or better.

The existing with-Project traffic volumes for the weekday a.m. and p.m. peak hour are illustrated on Figure 7. The existing with-Project traffic analysis worksheets for this scenario are provided in Appendix C of this report.

Figure 7 – Existing With Project - AM/PM Peak Hour Traffic Volumes



5. FUTURE WITHOUT PROJECT CONDITIONS

This section provides an analysis of future traffic conditions in the study area with area/related project trips and background growth added, but without Project traffic. The proposed Project is anticipated to be completed by 2020, and this defined the future analysis year.

5.1 AMBIENT GROWTH

In order to acknowledge regional population and employment growth outside of the study area, an ambient/background traffic growth rate was applied to the existing (year 2019) traffic counts. An annual growth rate of one percent was used for the future scenarios.

5.2 AREA PROJECTS

In addition to the application of the ambient traffic growth rate, traffic from related/area projects (approved and pending developments) was included as part of the year-2020 analysis. Sixteen related projects in the City of Baldwin Park were identified for inclusion in the traffic impact analysis.

Table 6 provides the trip generation estimates for the related/area projects that were identified during coordination with the City of Baldwin Park, and the project locations are illustrated on Figure 8.

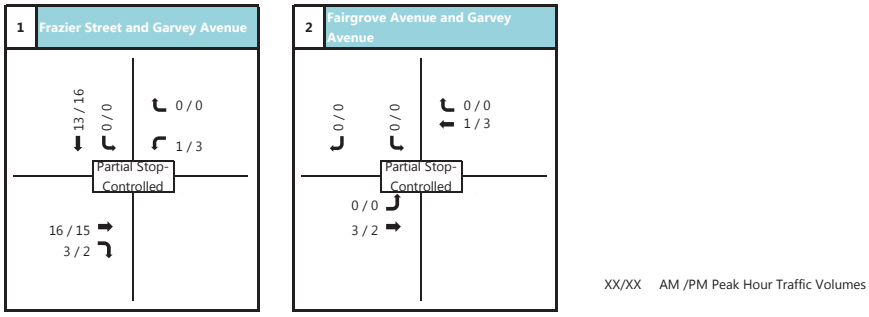
Table 6 – Area Projects Trip Generation Estimate

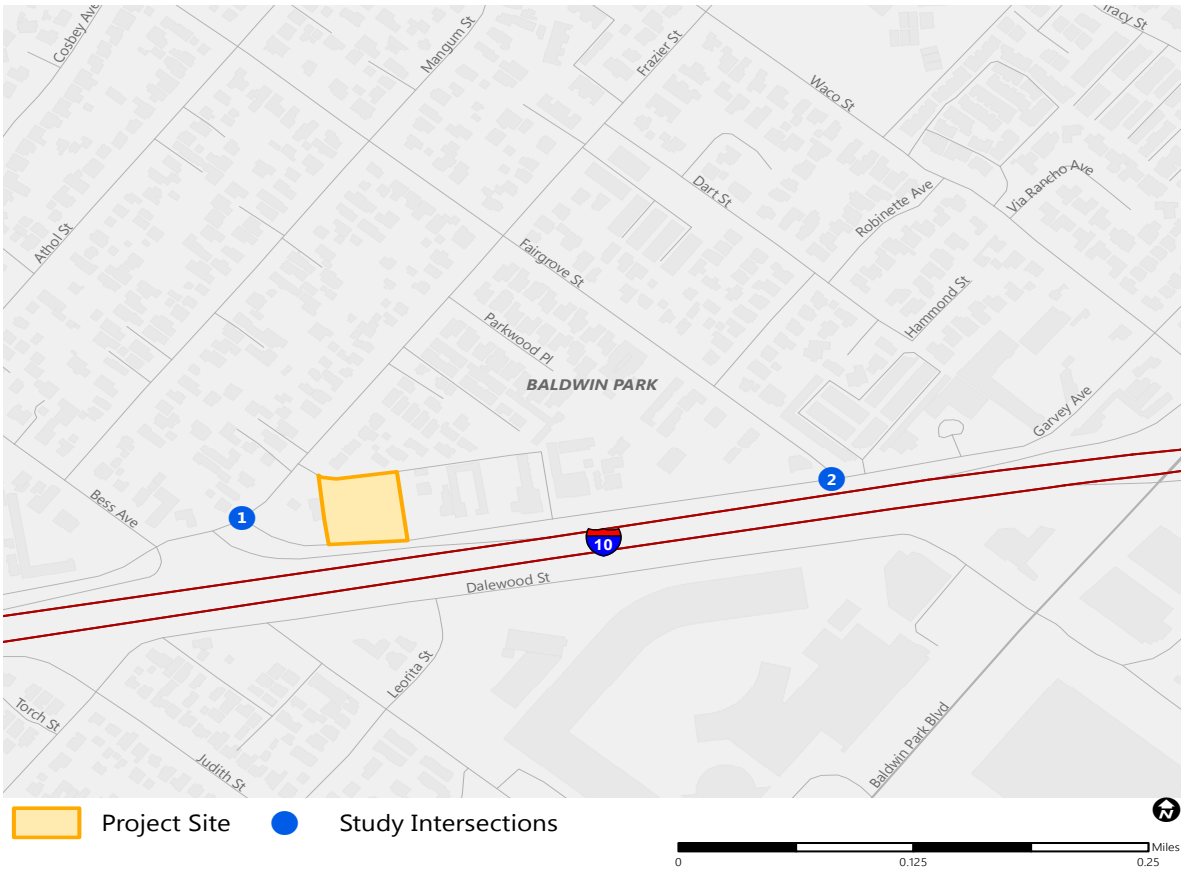
						AM PEAK			PM PEAK		
ID	Location	Land Use	Units	Intensity	Daily Total	TOTAL	IN	OUT	TOTAL	IN	OUT
1	3234 Frazier Street	Multifamily - attached condos	D.U.	10	73	5	1	4	6	4	2
2	12756, 12762, 12766 and 12770 Torch Street	Multifamily - attached condos	D.U.	24	176	11	3	8	13	8	5
3	APN 8437-013-905	Multifamily - attached condos	D.U.	23	168	11	3	8	13	8	5
4	1606 Puente Ave.	Automated Carwash	KSF	1.2	170	17	9	8	17	9	8
		Convenience Store	KSF	0.358	273	22	11	11	18	9	9
5	15000 Badillo Street	Multifamily - attached condos	D.U.	16	117	7	2	5	9	6	3
6	3913 Stewart Avenue	Multifamily - attached condos	D.U.	4	29	2	0	2	2	1	1
7	4923-4929 Fortin Street , 15138 Nubia Street, and APN 8413-013-025	Single Family	D.U.	15	142	11	3	8	15	9	6
8	15110-15120 Badillo Street	Multifamily - attached condos	12	12	88	6	1	5	7	4	3
9	14837-14839 Pacific Avenue; Assessor's Parcel Numbers: 8438-015-037, -043, -047, -059, -065 through -103, -060, -061, -062, -105	Single Family	D.U.	47	444	35	9	26	47	30	17
10	13853 Garvey Avenue	711 Gas Station with Convenience Store	KSF	2.961	4264	225	115	110	262	134	128
11	13018 Dalewood St	Single Family	D.U.	1	9	1	0	1	1	1	0
12	3100 Baldwin Park Blvd	Fast Food Restaurant with Drive-Thru	KSF	4.018	1892	161	82	79	131	68	63
13	4232 LA Rica Avenue	Multifamily - attached condos	D.U.	5	37	2	0	2	3	2	1
14	13127 Garvey Avenue	Specialty Trade Contractor	KSF	8.058	82	13	9	4	16	5	11
		General Office	KSF	2	19	2	2	0	2	0	2
15	13619 Francisquito Avenue	Carwash	KSF	3.079	437	44	22	22	44	22	22
16	5060 Gayhurst Avenue	Warehousing	KSF	3.3	6	1	1	0	1	0	1
TOTAL					**8426**	**576**	**273**	**303**	**607**	**320**	**287**

The area project trip assignment volumes for the a.m. and p.m. peak hours are provided on Figure 9.

Figure 8 – Location of Related Projects

Figure 9 – Area Project Trip Assignment - AM/PM Peak Hour Traffic





5.3 FUTURE WITHOUT PROJECT INTERSECTION LEVEL OF SERVICE

Table 7 summarizes the resulting vehicle delay and LOS values at the study intersections under this scenario.

Table 7 – Intersection Performance – Future without-Project

	Study Intersections	AM Peak		PM Peak	
		Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS
1	Frazier Street and Garvey Avenue	13.02	B	11.84	B
2	Fairgrove Avenue and Garvey Avenue	10.18	B	9.82	A

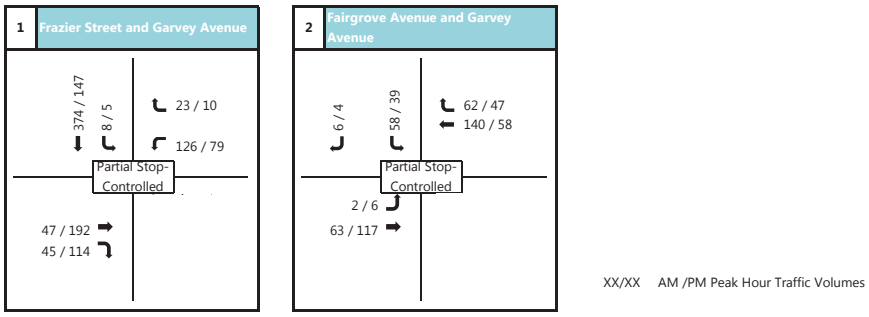
LOS = Level of Service

** Unsignalized Intersection, partial (One-way stop control), Delay values are based on controlled side street approaches and not primary roadway approaches where traffic is uncontrolled.*

All of the study intersections would operate at LOS B or better during both peak periods.

The future without-Project traffic volumes for the weekday a.m. and p.m. peak hour are illustrated on Figure 10. The future without-Project traffic analysis worksheets are provided in Appendix D of this report.

Figure 10 – Future Without Project - AM/PM Peak Hour Traffic Volumes



6. FUTURE WITH PROJECT CONDITIONS

This section documents future traffic conditions at the study intersections with the addition of Project-generated traffic. Traffic volumes for these conditions were derived by adding Project trips to the future without-Project scenario volumes.

Table 8 summarizes the resulting vehicle delay and LOS values at the study intersections for future with-Project traffic conditions.

Table 8 – Intersection Performance – Future with-Project

	Study Intersections	AM Peak		PM Peak	
		Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS
1	Frazier Street and Garvey Avenue	13.12	B	11.90	B
2	Fairgrove Avenue and Garvey Avenue	10.21	B	9.87	A

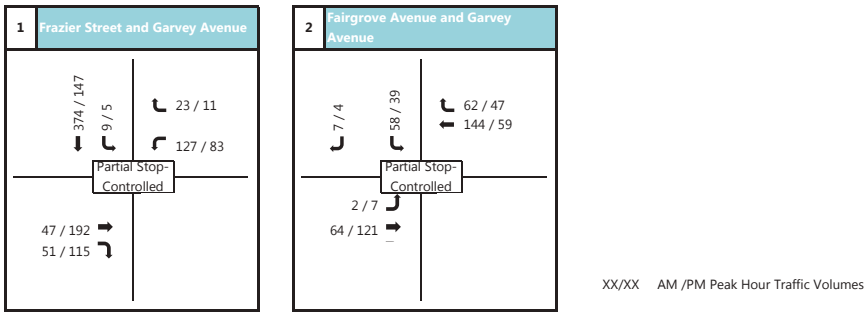
LOS = Level of Service

** Unsignalized Intersection, partial (One-way stop control), Delay values are based on controlled side street approaches and not primary roadway approaches where traffic is uncontrolled.*

As in the future without project scenario, both intersections would continue to operate at a LOS of B or better during the a.m. and p.m. peak hour period.

The future with-Project traffic volumes for the weekday a.m. and p.m. peak hour are illustrated on Figure 11. The future with-Project traffic analysis worksheets are provided in Appendix E of this report.

Figure 11 – Future With Project - AM/PM Peak Hour Traffic Volumes



7. PROJECT TRAFFIC IMPACTS

7.1 DETERMINATION OF TRAFFIC IMPACTS

Traffic impacts occur if a proposed development will result in significant changes in traffic conditions at a study location. A significant impact is typically identified if project-related traffic will cause LOS to deteriorate beyond a threshold limit specified by the reviewing agency. Impacts can also be significant if an intersection is already operating below the acceptable level of service and project traffic will cause a further decline in operations beyond the threshold.

The City of Baldwin Park does not have established impact standards for unsignalized intersections. For this study, causing or worsening of LOS E or F conditions due to the Project was considered to be significant.

7.2 PROJECT TRAFFIC IMPACTS – EXISTING PLUS PROJECT

Table 9 provides a summary of the Project impacts under existing conditions. Traffic impacts created by the proposed Project were determined by comparing the existing scenario conditions to the existing with-Project scenario conditions.

The proposed Project would not create any significant traffic impacts at the study intersections under existing with-Project conditions, during either the weekday a.m. or p.m. peak hour. Project mitigation measures, therefore, are not recommended for existing conditions.

Table 9 – Determination of Project Impacts – Existing With-Project Conditions

	Study Intersections	Peak Hour	Existing (2019) Conditions		Existing (2019) + Project		Change in Delay	Sig Impact?
			Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS		
1	Frazier Street and Garvey Avenue	AM	12.60	B	12.69	B	0.09	No
		PM	11.48	B	11.54	B	0.06	No
2	Fairgrove Avenue and Garvey Avenue	AM	10.15	B	10.18	B	0.03	No
		PM	9.79	A	9.84	A	0.05	No

LOS = Level of Service, V/C = Volume-to-Capacity Ratio

** Unsignalized Intersection, partial (One-way stop control), Delay values are based on controlled side street approaches and not primary roadway approaches where traffic is uncontrolled.*

7.3 PROJECT TRAFFIC IMPACTS – FUTURE WITH PROJECT

Table 10 provides a summary of the Project impacts under future conditions. Traffic impacts created by the Project were determined by comparing the future without-Project conditions to the future with-Project conditions.

The proposed Project would not create any significant traffic impacts at the study intersections under future with-Project conditions, during either the weekday a.m. or p.m. peak hour. Project mitigation measures, therefore, are not recommended for future conditions.

Table 10 – Determination of Project Impacts – Future With-Project

Study Intersections		Peak Hour	Existing (2019) Conditions		Future (2020) No Project		Future (2020) With Project		Change in Delay	Sig Impact?
			Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS	Vehicle Delay (Seconds)	LOS		
1	Frazier Street and Garvey Avenue	AM	12.60	B	13.02	B	13.12	B	0.10	No
		PM	11.48	B	11.84	B	11.90	B	0.06	No
2	Fairgrove Avenue and Garvey Avenue	AM	10.15	B	10.18	B	10.21	B	0.03	No
		PM	9.79	A	9.82	A	9.87	A	0.05	No

LOS = Level of Service, V/C = Volume-to-Capacity Ratio

** Unsignalized Intersection, partial (One-way stop control), Delay values are based on controlled side street approaches and not primary roadway approaches where traffic is uncontrolled.*

7.4 ALL–WAY STOP WARRANT ANALYSIS

An all-way stop-sign warrant analysis was conducted at the study intersection of Garvey Avenue and Fairgrove Avenue, based on the *Manual for Uniform Control Devices* (MUTCD), adopted for use by Caltrans in California. Input data included average daily traffic (ADT) volumes, radar-based speed survey data, collision data from the UC Berkeley TIMS Database, as well as peak-hour turning movement volumes from the main analysis data, for future without-Project and with-Project conditions.

- A review of collision data from the *UC Berkeley TIMS* database indicated that the location had zero collisions from 01/01/2018 to 12/31/2018.

- The highest vehicular volume entering the intersection from both major street approaches per hour within an eight-hour time frame currently averages 147 vehicles per hour from 7:00 AM to 3:00 and does not meet the minimum requirement of 300 vehicles per hour.

- Under existing plus project conditions, applying the higher PM peak-hour trips assignment with a value of six, the average hourly volume would be 153, which would be below the 300-vehicle requirement. Under future with-Project conditions, the growth rate of 1.01 would increase the base volume to 148, and adding six project trips and five area project trips for the major approaches would result in a total of 159.

- The peak-hour turning volume counts were applied to the analysis. The highest combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor approach during the lowest peak hour is currently 43 vehicles per hour in the p.m. peak hour, with four pedestrians and zero bicyclists. This does not meet the minimum required average of 200 units per hour. The standard for intersection approach delay is also not satisfied, with 10.15 seconds of analyzed delay during the a.m. peak-hour period.

- Under existing plus-project conditions, the project would add zero trips to the minor approach during the a.m. peak-hour period and therefore the new value add to the intersection from the minor approach would be 43.

- The 85th-Percentile speed on Garvey Avenue (major street) exceeds the 40 mph threshold with a combined 43 MPH average for both approaches, therefore with the 70%thresholds for part C.1 and part C.2 being 210 and 140, respectively, the value from C.1 would not meet the threshold, and the value from C.2 would not meet the requirement with a combined value of 43.

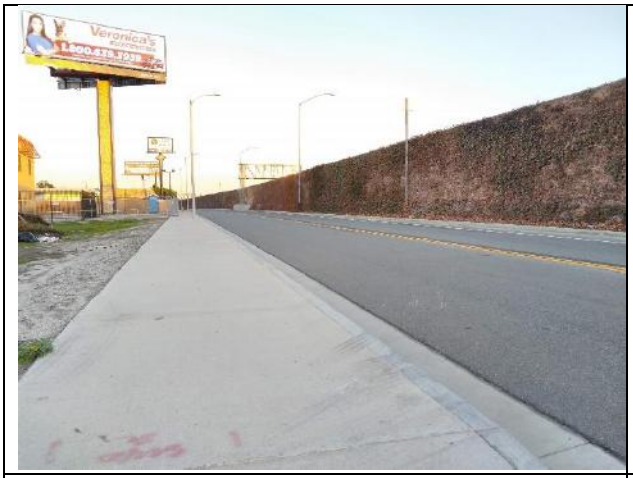
- Under existing with-project conditions, the criteria for C.1 would remain unmet and the criteria for C.2 would also remain unmet. C.2 would remain unmet for future with-project conditions including combined vehicular, pedestrian, and bicyclist units.

In conclusion, the warrant is not satisfied because there are no reported collisions within the 12-month period, and for part C.2 volumes not meet minimum requirements under existing, existing plus Project or future with-Project conditions.

ADT volumes applied to this analysis are provided in Appendix F, radar speed data is provided in Appendix G, pedestrian and bicycle counts are provided on Appendix H, and peak hour-volumes are referenced in the LOS analysis scenarios. The MUTCD All-Way Stop Warrant detailed analysis is provided in Appendix I.

7.5 SIGHT DISTANCE AT DRIVEWAY/GARVEY INTERSECTION

Sight distance conditions at the driveway intersection with Garvey Avenue, the primary project site access point to the local roadway system, was analyzed based on standards in the Caltrans Highway Design Manual. The photos below provide views of typical sight distance for a vehicle, for both directions of Garvey Avenue, at this location.

	
View from driveway intersection, To east on Garvey Avenue	View from driveway intersection, to west on Garvey Avenue

The Highway Design Manual, in Table 201.1 Sight Distance Standards, defines the sight distance for roadways based on design speeds. Based on the 45 mph posted speed on Garvey Avenue, the design speed would be 50 mph. The stopping distance within the table related to the 50 mph speed is 430 feet.

From the project driveway, the 430 feet distance would not extend to any horizontal curves to the east of the driveway. To the west, the distance would reach the beginning of a slight curve and visibility would potentially be impaired. It is recommended that the City consider right-out only regulatory signage at the driveway location as a project requirement, due to this sight distance issue. The issue would be particularly pronounced for left-turn movements from the driveway onto eastbound Garvey Avenue and the visibility of oncoming traffic. This would not affect access to and from the alleyway.

8. CONGESTION MANAGEMENT PROGRAM

This section provides study conformance with the regional impact analysis procedures mandated by the County of Los Angeles Congestion Management Program (CMP).

The CMP was created statewide because of Proposition 111 and was implemented locally by the Los Angeles County Metropolitan Transportation Authority (Metro). The CMP for Los Angeles County requires that the traffic impact of individual development projects of potentially regional significance be analyzed. A specific system of arterial roadways plus all freeways comprises the CMP system. Per CMP Transportation Impact Analysis (TIA) Guidelines, a traffic impact analysis is conducted:

- At CMP arterial monitoring intersections, including freeway on-ramps or off-ramps, where the proposed Project will add 50 or more vehicle trips during either a.m. or p.m. weekday peak hours.

- At CMP mainline freeway-monitoring locations, where the Project will add 150 or more trips, in either direction, during the either the a.m. or p.m. weekday peak hours.

Based on the trip generation defined in Table 4, it is not expected that 50 or more new Project trips per hour would be added to the nearest CMP intersections. Therefore, no further analysis of potential CMP impacts is required.

- CMP ID 142- Garvey Avenue and Rosemead Boulevard, approximately 4.5 miles west of the Project site
- CM ID 158 – Azusa Avenue and Cameron Avenue, approximately 4.6 miles southeast of the Project site
- CMP ID 159 – Azusa Avenue and Workman Avenue, approximately 4.6 miles northeast of the Project site

In addition, the proposed Project is expected to add less than 150 new trips per hour, in either direction, to the I-10 (San Bernardino) and I-605 (San Gabriel River) freeway segments based on the Project trip generation defined in Table 4. Therefore, no further analysis of CMP freeway monitoring stations is required.

- CMP Station 1018 – east of Puente Avenue, 1.5 miles east of the site
- CMP Station 1077 – at San Gabriel River Bridge, 2.3 miles north of the site

9. ANALYSIS SUMMARY AND CONCLUSION

The following summarizes the traffic study conclusions and recommendations:

Project Background

- The proposed project is a 15,725 square foot light industrial-commercial building, which would include 11,725 square feet of industrial/commercial facility space and a 4,000 square foot mezzanine space.

- A total of 21 parking spaces are expected to be provided for the Project.

- The proposed site is currently unoccupied, and the Project is anticipated to be completed and occupied by the end of the year 2020.

Project Trip Generation

- Trip generation of the Project was derived from the 10th Edition of the Institute of Transportation Engineers' *Trip Generation*.

- The project would generate 97 daily trips, including 13 vehicle trips during the a.m. peak-hour (11 inbound trips and 2 outbound trips) and 12 vehicle trips during the p.m. peak hour (2 inbound trips and 10 outbound trips).

Traffic Impacts

- Based on the applied significant traffic impact criteria, the proposed Project would not create any significant traffic impacts at the study intersections under existing with-Project and future with-Project conditions. Therefore, mitigation measures are not recommended.

- The proposed Project is not anticipated to cause a significant traffic impact on any CMP arterial monitoring intersections and mainline freeway-monitoring locations.

- The all-way stop-sign warrant analysis indicated that new traffic controls would not be justified, based on the *Manual for Uniform Traffic Control Devices*, as adopted for use in California by Caltrans.

  To the west of the Project Garvey Avenue driveway, the recommended sight distance would reach into a slight curve, and visibility would potentially be impaired. It is recommended that the City consider right-out only regulatory signage at the driveway location as a project requirement, due to this sight distance issue.

APPENDIX A
Traffic Count Data

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Fairgrove Avenue
E/W: Garvey Avenue
Weather: Clear

File Name : 01_BLD_Fairgrove_Garvey AM
Site Code : 04219654
Start Date : 9/19/2019
Page No : 1

Groups Printed- Total Volume

	Fairgrove Avenue Southbound			Garvey Avenue Westbound			Garvey Avenue Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
07:00 AM	6	2	8	47	6	53	0	5	5	66
07:15 AM	19	2	21	37	4	41	0	10	10	72
07:30 AM	20	1	21	31	16	47	1	16	17	85
07:45 AM	16	1	17	44	25	69	0	16	16	102
Total	61	6	67	159	51	210	1	47	48	325
08:00 AM	3	2	5	27	17	44	1	18	19	68
08:15 AM	6	2	8	27	4	31	0	10	10	49
08:30 AM	6	0	6	18	10	28	1	14	15	49
08:45 AM	4	0	4	14	7	21	0	11	11	36
Total	19	4	23	86	38	124	2	53	55	202
Grand Total	80	10	90	245	89	334	3	100	103	527
Apprch %	88.9	11.1		73.4	26.6		2.9	97.1		
Total %	15.2	1.9	17.1	46.5	16.9	63.4	0.6	19	19.5	

	Fairgrove Avenue Southbound			Garvey Avenue Westbound			Garvey Avenue Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	19	**2**	**21**	37	4	41	0	10	10	72
07:30 AM	**20**	1	21	31	16	47	**1**	16	17	85
07:45 AM	16	1	17	**44**	**25**	**69**	0	16	16	**102**
08:00 AM	3	2	5	27	17	44	1	**18**	**19**	68
Total Volume	58	6	64	139	62	201	2	60	62	327
% App. Total	90.6	9.4		69.2	30.8		3.2	96.8		
PHF	.725	.750	.762	.790	.620	.728	.500	.833	.816	.801

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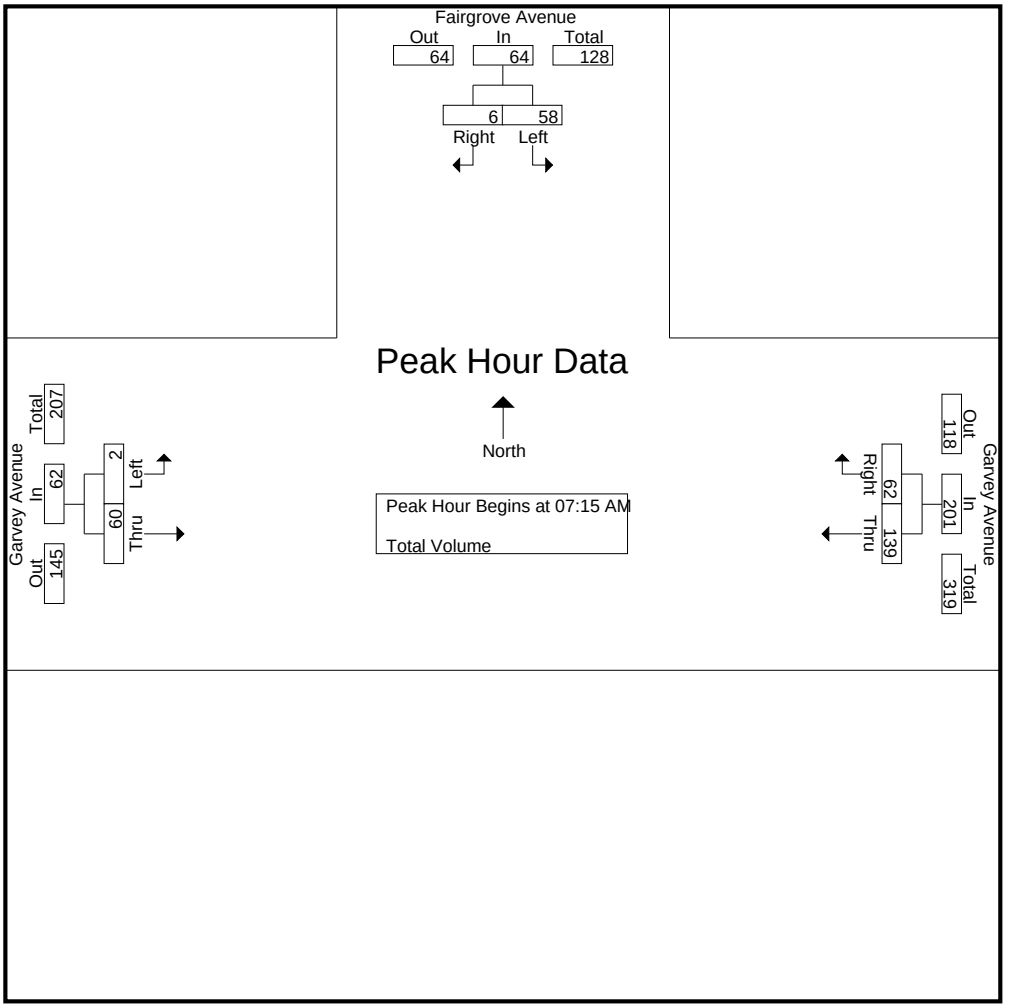
Site Code : 04219654
Start Date : 9/19/2019
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:00 AM			07:15 AM		
+0 mins.	6	**2**	8	**47**	6	53	0	10	10
+15 mins.	19	2	**21**	37	4	41	**1**	16	17
+30 mins.	**20**	1	21	31	16	47	0	16	16
+45 mins.	16	1	17	44	**25**	**69**	1	**18**	**19**
Total Volume	61	6	67	159	51	210	2	60	62
% App. Total	91	9		75.7	24.3		3.2	96.8	
PHF	.763	.750	.798	.846	.510	.761	.500	.833	.816

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City of Baldwin Park
N/S: Fairgrove Avenue
E/W: Garvey Avenue
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File Name : 01_BLD_Fairgrove_Garvey PM
Site Code : 04219654
Start Date : 9/19/2019
Page No : 1

Groups Printed- Total Volume

	Fairgrove Avenue Southbound			Garvey Avenue Westbound			Garvey Avenue Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
04:00 PM	14	1	15	18	18	36	3	41	44	95
04:15 PM	12	1	13	13	8	21	2	20	22	56
04:30 PM	4	1	5	11	4	15	0	24	24	44
04:45 PM	9	1	10	13	17	30	1	30	31	71
Total	39	4	43	55	47	102	6	115	121	266
05:00 PM	7	0	7	14	9	23	1	32	33	63
05:15 PM	5	1	6	18	12	30	0	28	28	64
05:30 PM	11	0	11	16	13	29	3	18	21	61
05:45 PM	9	0	9	13	12	25	0	24	24	58
Total	32	1	33	61	46	107	4	102	106	246
Grand Total	71	5	76	116	93	209	10	217	227	512
Apprch %	93.4	6.6		55.5	44.5		4.4	95.6		
Total %	13.9	1	14.8	22.7	18.2	40.8	2	42.4	44.3	

	Fairgrove Avenue Southbound			Garvey Avenue Westbound			Garvey Avenue Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	**14**	**1**	**15**	**18**	**18**	**36**	**3**	**41**	**44**	**95**
04:15 PM	12	1	13	13	8	21	2	20	22	56
04:30 PM	4	1	5	11	4	15	0	24	24	44
04:45 PM	9	1	10	13	17	30	1	30	31	71
Total Volume	39	4	43	55	47	102	6	115	121	266
% App. Total	90.7	9.3		53.9	46.1		5	95		
PHF	.696	1.00	.717	.764	.653	.708	.500	.701	.688	.700

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Site Code : 04219654
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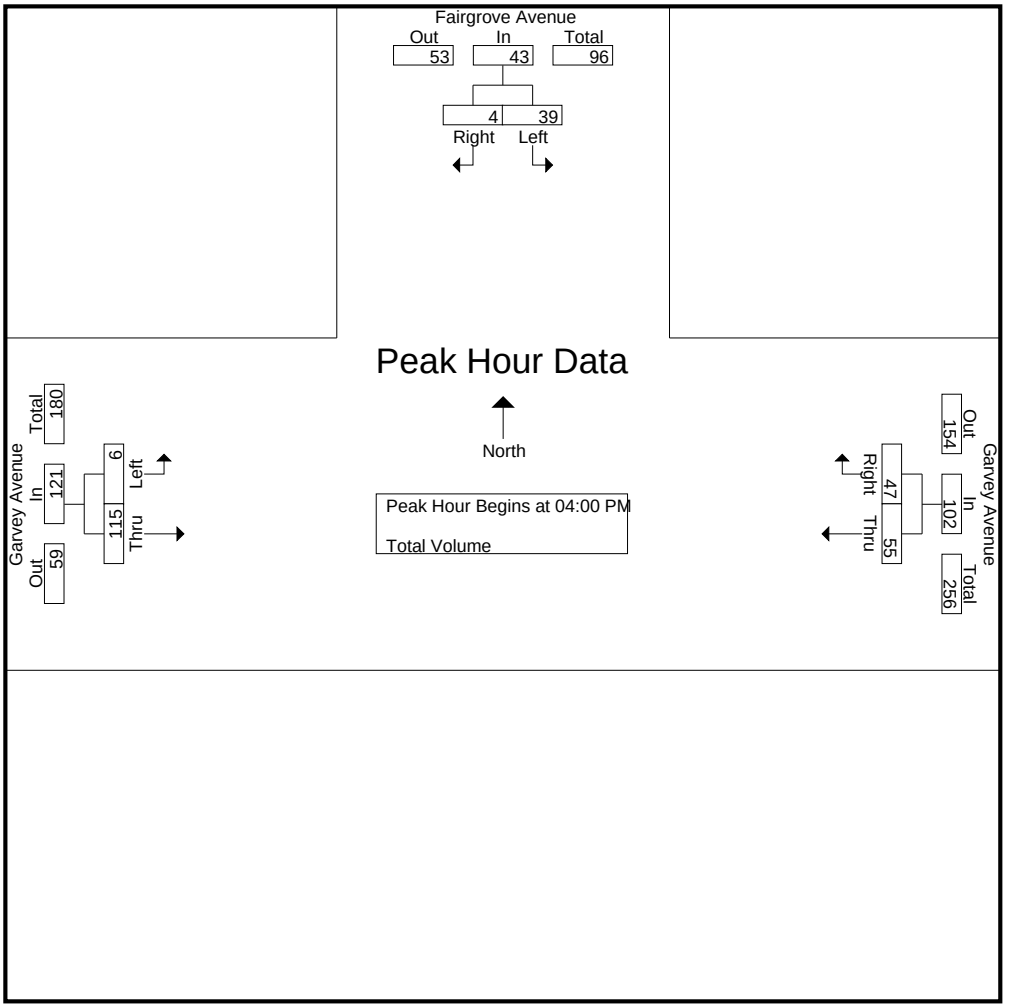
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:45 PM			04:00 PM		
+0 mins.	**14**	**1**	**15**	13	**17**	**30**	**3**	**41**	**44**
+15 mins.	12	1	13	14	9	23	2	20	22
+30 mins.	4	1	5	**18**	12	30	0	24	24
+45 mins.	9	1	10	16	13	29	1	30	31
Total Volume	39	4	43	61	51	112	6	115	121
% App. Total	90.7	9.3		54.5	45.5		5	95	
PHF	.696	1.000	.717	.847	.750	.933	.500	.701	.688

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Frazier Street
E/W: Garvey Avenue
Weather: Clear

File Name : 02_BLD_Frazier_Garvey AM
Site Code : 04219654
Start Date : 9/19/2019
Page No : 1

Groups Printed- Total Volume

	Frazier Street Southbound			Garvey Avenue Westbound			Frazier Street Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	1	73	74	53	3	56	5	11	16	146
07:15 AM	2	65	67	57	1	58	14	5	19	144
07:30 AM	5	53	58	41	1	42	19	10	29	129
07:45 AM	1	83	84	31	5	36	5	13	18	138
Total	9	274	283	182	10	192	43	39	82	557
08:00 AM	3	80	83	28	6	34	8	5	13	130
08:15 AM	2	95	97	34	5	39	7	9	16	152
08:30 AM	2	103	105	32	7	39	11	15	26	170
08:45 AM	2	77	79	20	2	22	8	7	15	116
Total	9	355	364	114	20	134	34	36	70	568
Grand Total	18	629	647	296	30	326	77	75	152	1125
Apprch %	2.8	97.2		90.8	9.2		50.7	49.3		
Total %	1.6	55.9	57.5	26.3	2.7	29	6.8	6.7	13.5	

	Frazier Street Southbound			Garvey Avenue Westbound			Frazier Street Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	1	83	84	31	5	36	5	13	18	138
08:00 AM	**3**	80	83	28	6	34	8	5	13	130
08:15 AM	2	95	97	**34**	5	**39**	7	9	16	152
08:30 AM	2	**103**	**105**	32	**7**	39	**11**	**15**	**26**	**170**
Total Volume	8	361	369	125	23	148	31	42	73	590
% App. Total	2.2	97.8		84.5	15.5		42.5	57.5		
PHF	.667	.876	.879	.919	.821	.949	.705	.700	.702	.868

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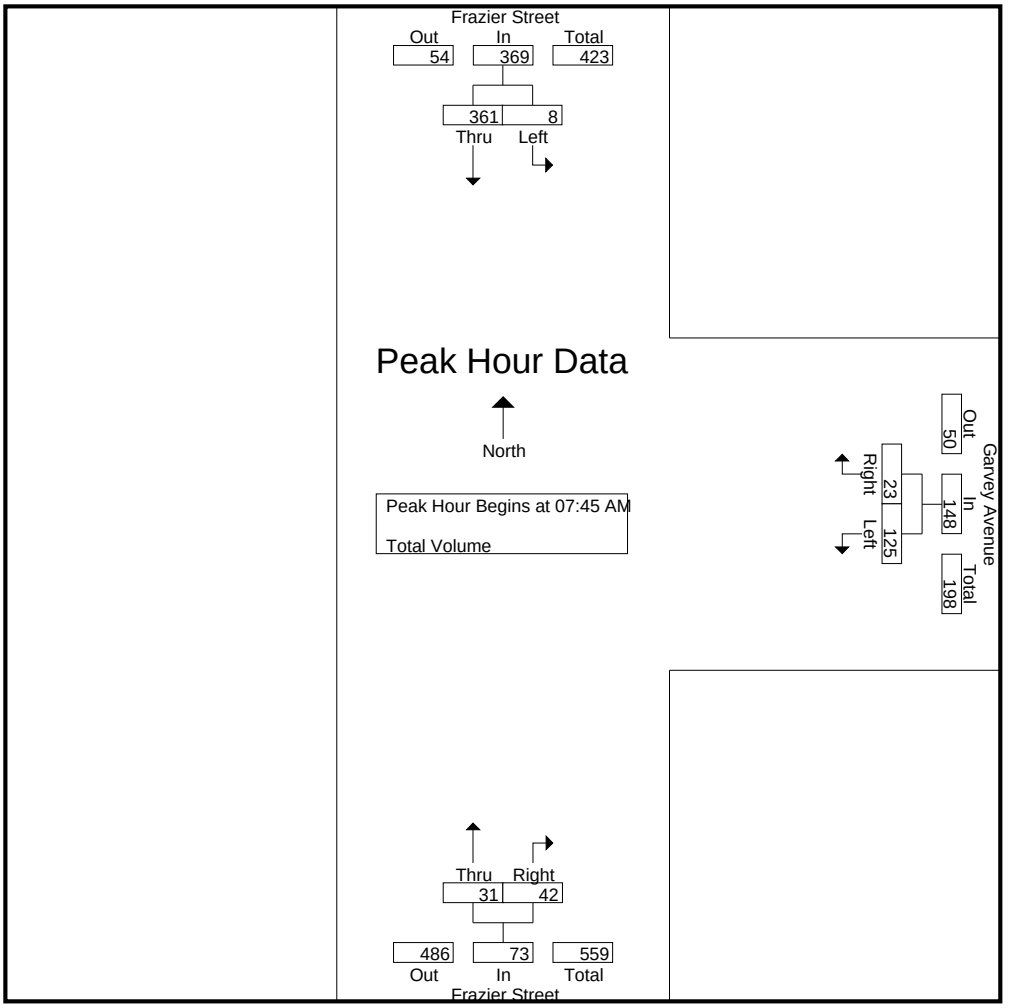
E/W: Garvey Avenue
Weather: Clear

File Name : 02_BLD_Frazier_Garvey AM
Site Code : 04219654
Start Date : 9/19/2019



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM			07:00 AM			07:00 AM		
+0 mins.	1	83	84	53	3	56	5	11	16
+15 mins.	**3**	80	83	**57**	1	**58**	14	5	19
+30 mins.	2	95	97	41	1	42	**19**	10	**29**
+45 mins.	2	**103**	**105**	31	**5**	36	5	**13**	18
Total Volume	8	361	369	182	10	192	43	39	82
% App. Total	2.2	97.8		94.8	5.2		52.4	47.6	
PHF	.667	.876	.879	.798	.500	.828	.566	.750	.707

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E/W: Garvey Avenue
Weather: Clear

File Name : 02_BLD_Frazier_Garvey PM
Site Code : 04219654
Start Date : 9/19/2019

Groups Printed- Total Volume

	Frazier Street Southbound			Garvey Avenue Westbound			Frazier Street Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	2	39	41	12	1	13	48	23	71	125
04:15 PM	1	40	41	14	0	14	36	23	59	114
04:30 PM	1	41	42	25	1	26	35	30	65	133
04:45 PM	4	31	35	13	2	15	39	29	68	118
Total	8	151	159	64	4	68	158	105	263	490
05:00 PM	1	28	29	18	2	20	32	24	56	105
05:15 PM	2	39	41	19	3	22	44	26	70	133
05:30 PM	2	39	41	23	3	26	34	26	60	127
05:45 PM	0	25	25	16	2	18	67	36	103	146
Total	5	131	136	76	10	86	177	112	289	511
Grand Total	13	282	295	140	14	154	335	217	552	1001
Apprch %	4.4	95.6		90.9	9.1		60.7	39.3		
Total %	1.3	28.2	29.5	14	1.4	15.4	33.5	21.7	55.1	

	Frazier Street Southbound			Garvey Avenue Westbound			Frazier Street Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	1	28	29	18	2	20	32	24	56	105
05:15 PM	**2**	**39**	**41**	19	**3**	22	44	26	70	133
05:30 PM	2	39	41	**23**	3	**26**	34	26	60	127
05:45 PM	0	25	25	16	2	18	**67**	**36**	**103**	**146**
Total Volume	5	131	136	76	10	86	177	112	289	511
% App. Total	3.7	96.3		88.4	11.6		61.2	38.8		
PHF	.625	.840	.829	.826	.833	.827	.660	.778	.701	.875

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City of Baldwin Park
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Weather: Clear

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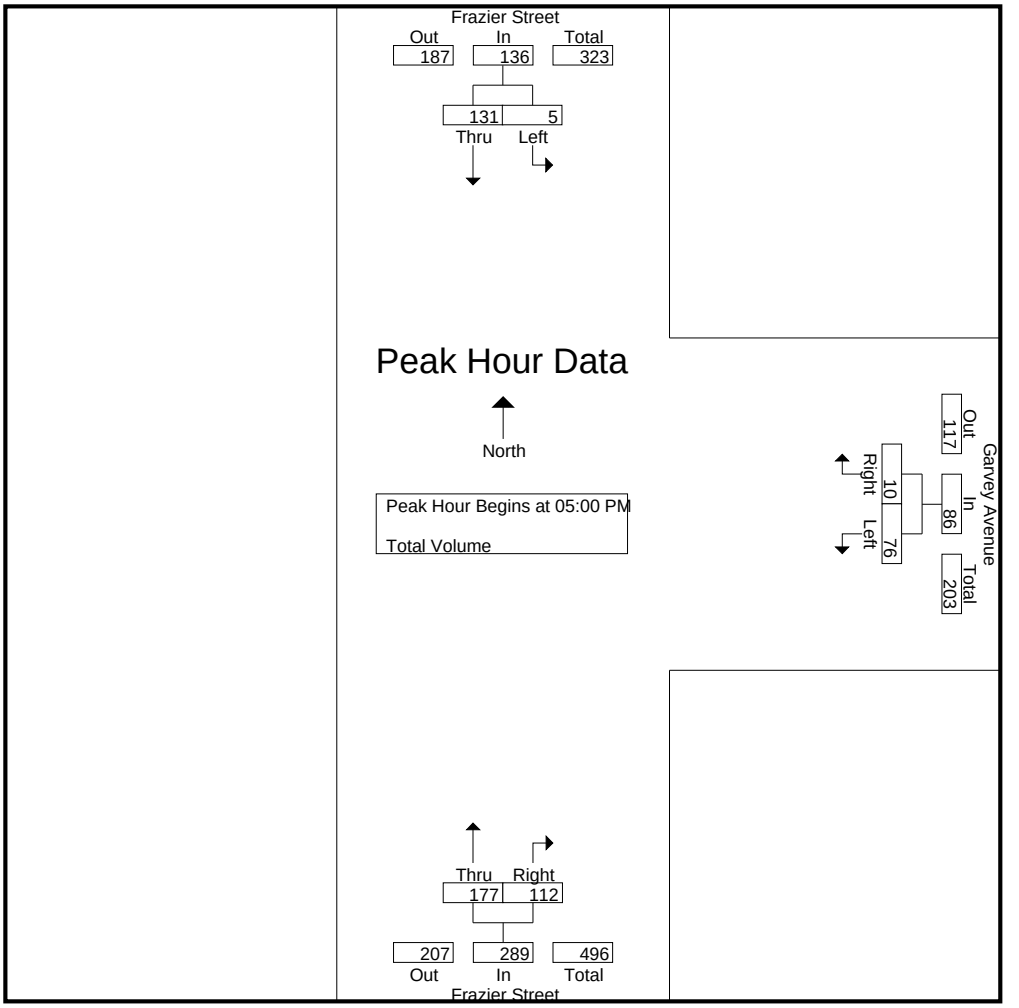
Start Date : 9/19/2019



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			05:00 PM			05:00 PM		
+0 mins.	2	39	41	18	2	20	32	24	56
+15 mins.	1	40	41	19	**3**	22	44	26	70
+30 mins.	1	**41**	**42**	**23**	3	**26**	34	26	60
+45 mins.	**4**	31	35	16	2	18	**67**	**36**	**103**
Total Volume	8	151	159	76	10	86	177	112	289
% App. Total	5	95		88.4	11.6		61.2	38.8	
PHF	.500	.921	.946	.826	.833	.827	.660	.778	.701

APPENDIX B
Existing LOS Worksheets

13057 Garvey Avenue TIS

Vistro File: J:\...\Vistro_Baldwin_Park_JB91223.vistro Scenario 1 Existing AM

Report File: J:\...\Existing_AM.pdf 12/6/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Frazier St and Garvey Avenue	Two-way stop	HCM 6th Edition	WB Left	0.216	13.0	B
2	Fairgrove Ave and Garvey Ave	Two-way stop	HCM 6th Edition	SB Left	0.077	10.2	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Frazier St and Garvey Avenue

Control Type:	Two-way stop	Delay (sec / veh):	13.0
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.216

Intersection Setup

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		Yes	

Volumes

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	8	361	31	42	125	23
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	8	361	31	42	125	23
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	2	90	8	11	31	6
Total Analysis Volume [veh/h]	8	361	31	42	125	23
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.00	0.22	0.02
d_M, Delay for Movement [s/veh]	7.37	0.00	0.00	0.00	13.01	10.35
Movement LOS	A	A	A	A	B	B
95th-Percentile Queue Length [veh/ln]	0.02	0.00	0.00	0.00	0.92	0.92
95th-Percentile Queue Length [ft/ln]	0.40	0.00	0.00	0.00	23.09	23.09
d_A, Approach Delay [s/veh]	0.16		0.00		12.60	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	3.26					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Fairgrove Ave and Garvey Ave

Control Type:	Two-way stop	Delay (sec / veh):	10.2
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.077

Intersection Setup

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	58	6	2	60	139	62
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	58	6	2	60	139	62
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	2	1	15	35	16
Total Analysis Volume [veh/h]	58	6	2	60	139	62
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.08	0.01	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	10.21	9.55	7.63	0.00	0.00	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.27	0.27	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	6.85	6.85	0.11	0.11	0.00	0.00
d_A, Approach Delay [s/veh]	10.15		0.25		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	2.03					
Intersection LOS	B					

13057 Garvey Avenue TIS

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Report File: J:\...\Existing_PM.pdf

Scenario 2 Existing PM
12/6/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Frazier St and Garvey Avenue	Two-way stop	HCM 6th Edition	WB Left	0.122	11.6	B
2	Fairgrove Ave and Garvey Ave	Two-way stop	HCM 6th Edition	SB Left	0.050	9.9	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Frazier St and Garvey Avenue

Control Type:	Two-way stop	Delay (sec / veh):	11.6
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.122

Intersection Setup

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		Yes	

Volumes

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	5	131	177	112	76	10
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	131	177	112	76	10
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	33	44	28	19	3
Total Analysis Volume [veh/h]	5	131	177	112	76	10
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.12	0.01
d_M, Delay for Movement [s/veh]	7.84	0.00	0.00	0.00	11.63	10.33
Movement LOS	A	A	A	A	B	B
95th-Percentile Queue Length [veh/ln]	0.01	0.00	0.00	0.00	0.46	0.46
95th-Percentile Queue Length [ft/ln]	0.30	0.00	0.00	0.00	11.54	11.54
d_A, Approach Delay [s/veh]	0.29		0.00		11.48	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	2.01					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Fairgrove Ave and Garvey Ave

Control Type:	Two-way stop	Delay (sec / veh):	9.9
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.050

Intersection Setup

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	39	4	6	115	55	47
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	39	4	6	115	55	47
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	10	1	2	29	14	12
Total Analysis Volume [veh/h]	39	4	6	115	55	47
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	9.88	8.92	7.43	0.00	0.00	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.17	0.17	0.01	0.01	0.00	0.00
95th-Percentile Queue Length [ft/ln]	4.28	4.28	0.30	0.30	0.00	0.00
d_A, Approach Delay [s/veh]	9.79		0.37		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	1.75					
Intersection LOS	A					

APPENDIX C
Existing with-Project LOS Worksheets

13057 Garvey Avenue TIS

Vistro File: J:\...\Vistro_Baldwin_Park_JB91223.vistro Scenario 3 Existing with Project AM

Report File: J:\...\Existing_W_Proj_AM.pdf 12/6/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Frazier St and Garvey Avenue	Two-way stop	HCM 6th Edition	WB Left	0.219	13.1	B
2	Fairgrove Ave and Garvey Ave	Two-way stop	HCM 6th Edition	SB Left	0.078	10.3	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Frazier St and Garvey Avenue

Control Type:	Two-way stop	Delay (sec / veh):	13.1
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.219

Intersection Setup

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		Yes	

Volumes

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	8	361	31	42	125	23
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	0	0	6	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	9	361	31	48	126	23
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	2	90	8	12	32	6
Total Analysis Volume [veh/h]	9	361	31	48	126	23
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.00	0.22	0.02
d_M, Delay for Movement [s/veh]	7.38	0.00	0.00	0.00	13.10	10.41
Movement LOS	A	A	A	A	B	B
95th-Percentile Queue Length [veh/ln]	0.02	0.00	0.00	0.00	0.94	0.94
95th-Percentile Queue Length [ft/ln]	0.45	0.00	0.00	0.00	23.52	23.52
d_A, Approach Delay [s/veh]	0.18		0.00		12.69	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	3.27					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Fairgrove Ave and Garvey Ave

Control Type:	Two-way stop	Delay (sec / veh):	10.3
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.078

Intersection Setup

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	58	6	2	60	139	62
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	1	0	1	4	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	58	7	2	61	143	62
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	2	1	15	36	16
Total Analysis Volume [veh/h]	58	7	2	61	143	62
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.08	0.01	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	10.26	9.58	7.64	0.00	0.00	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.28	0.28	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	7.00	7.00	0.11	0.11	0.00	0.00
d_A, Approach Delay [s/veh]	10.18		0.24		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	2.03					
Intersection LOS	B					

13057 Garvey Avenue TIS

Vistro File: J:\...\Vistro_Baldwin_Park_JB91223.vistro Scenario 4 Existing with Project PM

Report File: J:\...\Existing_W_Proj_PM.pdf 12/6/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Frazier St and Garvey Avenue	Two-way stop	HCM 6th Edition	WB Left	0.128	11.7	B
2	Fairgrove Ave and Garvey Ave	Two-way stop	HCM 6th Edition	SB Left	0.051	9.9	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Frazier St and Garvey Avenue

Control Type:	Two-way stop	Delay (sec / veh):	11.7
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.128

Intersection Setup

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		Yes	

Volumes

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	5	131	177	112	76	10
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	1	4	1
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	131	177	113	80	11
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	33	44	28	20	3
Total Analysis Volume [veh/h]	5	131	177	113	80	11
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.13	0.01
d_M, Delay for Movement [s/veh]	7.84	0.00	0.00	0.00	11.69	10.39
Movement LOS	A	A	A	A	B	B
95th-Percentile Queue Length [veh/ln]	0.01	0.00	0.00	0.00	0.49	0.49
95th-Percentile Queue Length [ft/ln]	0.30	0.00	0.00	0.00	12.31	12.31
d_A, Approach Delay [s/veh]	0.29		0.00		11.54	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	2.11					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Fairgrove Ave and Garvey Ave

Control Type:	Two-way stop	Delay (sec / veh):	9.9
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.051

Intersection Setup

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	39	4	6	115	55	47
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	1	4	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	39	4	7	119	56	47
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	10	1	2	30	14	12
Total Analysis Volume [veh/h]	39	4	7	119	56	47
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	9.93	8.93	7.43	0.00	0.00	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.17	0.17	0.01	0.01	0.00	0.00
95th-Percentile Queue Length [ft/ln]	4.32	4.32	0.35	0.35	0.00	0.00
d_A, Approach Delay [s/veh]	9.84		0.41		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	1.75					
Intersection LOS	A					

APPENDIX D
Future Without-Project LOS Worksheets

13057 Garvey Avenue TIS

Vistro File: J:\...\Vistro_Baldwin_Park_JB91223.vistro Scenario 6 Future Without AM

Report File: J:\...\Future_W_Out_AM.pdf 12/6/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Frazier St and Garvey Avenue	Two-way stop	HCM 6th Edition	WB Left	0.226	13.5	B
2	Fairgrove Ave and Garvey Ave	Two-way stop	HCM 6th Edition	SB Left	0.077	10.2	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Frazier St and Garvey Avenue

Control Type:	Two-way stop	Delay (sec / veh):	13.5
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.226

Intersection Setup

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		Yes	

Volumes

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	8	361	31	42	125	23
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	13	16	3	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	8	374	47	45	126	23
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	2	94	12	11	32	6
Total Analysis Volume [veh/h]	8	374	47	45	126	23
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.00	0.23	0.02
d_M, Delay for Movement [s/veh]	7.41	0.00	0.00	0.00	13.46	10.62
Movement LOS	A	A	A	A	B	B
95th-Percentile Queue Length [veh/ln]	0.02	0.00	0.00	0.00	0.98	0.98
95th-Percentile Queue Length [ft/ln]	0.40	0.00	0.00	0.00	24.50	24.50
d_A, Approach Delay [s/veh]	0.16		0.00		13.02	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	3.21					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Fairgrove Ave and Garvey Ave

Control Type:	Two-way stop	Delay (sec / veh):	10.2
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.077

Intersection Setup

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	58	6	2	60	139	62
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	3	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	58	6	2	63	140	62
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	2	1	16	35	16
Total Analysis Volume [veh/h]	58	6	2	63	140	62
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.08	0.01	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	10.24	9.56	7.63	0.00	0.00	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.28	0.28	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	6.88	6.88	0.11	0.11	0.00	0.00
d_A, Approach Delay [s/veh]	10.18		0.23		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	2.01					
Intersection LOS	B					

13057 Garvey Avenue TIS

Vistro File: J:\...\Vistro_Baldwin_Park_JB91223.vistro Scenario 7 Future Without PM
Report File: J:\...\Future_W_Out_PM.pdf 12/6/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Frazier St and Garvey Avenue	Two-way stop	HCM 6th Edition	WB Left	0.132	12.0	B
2	Fairgrove Ave and Garvey Ave	Two-way stop	HCM 6th Edition	SB Left	0.050	9.9	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Frazier St and Garvey Avenue

Control Type:	Two-way stop	Delay (sec / veh):	12.0
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.132

Intersection Setup

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		Yes	

Volumes

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	5	131	177	112	76	10
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	16	15	2	3	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	147	192	114	79	10
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	37	48	29	20	3
Total Analysis Volume [veh/h]	5	147	192	114	79	10
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.13	0.01
d_M, Delay for Movement [s/veh]	7.88	0.00	0.00	0.00	12.00	10.55
Movement LOS	A	A	A	A	B	B
95th-Percentile Queue Length [veh/ln]	0.01	0.00	0.00	0.00	0.50	0.50
95th-Percentile Queue Length [ft/ln]	0.30	0.00	0.00	0.00	12.59	12.59
d_A, Approach Delay [s/veh]	0.26		0.00		11.84	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	2.00					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Fairgrove Ave and Garvey Ave

Control Type:	Two-way stop	Delay (sec / veh):	9.9
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.050

Intersection Setup

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	39	4	6	115	55	47
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	2	3	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	39	4	6	117	58	47
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	10	1	2	29	15	12
Total Analysis Volume [veh/h]	39	4	6	117	58	47
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	9.91	8.94	7.43	0.00	0.00	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.17	0.17	0.01	0.01	0.00	0.00
95th-Percentile Queue Length [ft/ln]	4.31	4.31	0.30	0.30	0.00	0.00
d_A, Approach Delay [s/veh]	9.82		0.36		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	1.72					
Intersection LOS	A					

APPENDIX E
Future With-Project LOS Worksheets

13057 Garvey Avenue TIS

Vistro File: J:\...\Vistro_Baldwin_Park_JB91223.vistro Scenario 8 Future with Project AM

Report File: J:\...\Future_W_AM.pdf 12/6/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Frazier St and Garvey Avenue	Two-way stop	HCM 6th Edition	WB Left	0.230	13.6	B
2	Fairgrove Ave and Garvey Ave	Two-way stop	HCM 6th Edition	SB Left	0.078	10.3	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Frazier St and Garvey Avenue

Control Type:	Two-way stop	Delay (sec / veh):	13.6
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.230

Intersection Setup

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		Yes	

Volumes

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	8	361	31	42	125	23
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	13	16	9	2	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	9	374	47	51	127	23
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	2	94	12	13	32	6
Total Analysis Volume [veh/h]	9	374	47	51	127	23
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.00	0.23	0.02
d_M, Delay for Movement [s/veh]	7.42	0.00	0.00	0.00	13.56	10.68
Movement LOS	A	A	A	A	B	B
95th-Percentile Queue Length [veh/ln]	0.02	0.00	0.00	0.00	1.00	1.00
95th-Percentile Queue Length [ft/ln]	0.45	0.00	0.00	0.00	24.96	24.96
d_A, Approach Delay [s/veh]	0.17		0.00		13.12	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	3.22					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Fairgrove Ave and Garvey Ave

Control Type:	Two-way stop	Delay (sec / veh):	10.3
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.078

Intersection Setup

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	58	6	2	60	139	62
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	1	0	4	5	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	58	7	2	64	144	62
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	2	1	16	36	16
Total Analysis Volume [veh/h]	58	7	2	64	144	62
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.08	0.01	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	10.29	9.59	7.64	0.00	0.00	0.00
Movement LOS	B	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.28	0.28	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	7.03	7.03	0.11	0.11	0.00	0.00
d_A, Approach Delay [s/veh]	10.21		0.23		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	2.01					
Intersection LOS	B					

13057 Garvey Avenue TIS

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Report File: J:\...\Future_W_PM.pdf 12/6/2019

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Frazier St and Garvey Avenue	Two-way stop	HCM 6th Edition	WB Left	0.139	12.1	B
2	Fairgrove Ave and Garvey Ave	Two-way stop	HCM 6th Edition	SB Left	0.051	10.0	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Frazier St and Garvey Avenue

Control Type:	Two-way stop	Delay (sec / veh):	12.1
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.139

Intersection Setup

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		Yes	

Volumes

Name	Frazier Street		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	5	131	177	112	76	10
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	16	15	3	7	1
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	147	192	115	83	11
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	37	48	29	21	3
Total Analysis Volume [veh/h]	5	147	192	115	83	11
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.14	0.01
d_M, Delay for Movement [s/veh]	7.88	0.00	0.00	0.00	12.07	10.61
Movement LOS	A	A	A	A	B	B
95th-Percentile Queue Length [veh/ln]	0.01	0.00	0.00	0.00	0.54	0.54
95th-Percentile Queue Length [ft/ln]	0.30	0.00	0.00	0.00	13.40	13.40
d_A, Approach Delay [s/veh]	0.26		0.00		11.90	
Approach LOS	A		A		B	
d_I, Intersection Delay [s/veh]	2.09					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Fairgrove Ave and Garvey Ave

Control Type:	Two-way stop	Delay (sec / veh):	10.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.051

Intersection Setup

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name	Fairgrove Avenue		Garvey Avenue		Garvey Avenue	
Base Volume Input [veh/h]	39	4	6	115	55	47
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	1	6	4	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	39	4	7	121	59	47
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	10	1	2	30	15	12
Total Analysis Volume [veh/h]	39	4	7	121	59	47
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	9.96	8.95	7.44	0.00	0.00	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.17	0.17	0.01	0.01	0.00	0.00
95th-Percentile Queue Length [ft/ln]	4.35	4.35	0.36	0.36	0.00	0.00
d_A, Approach Delay [s/veh]	9.87		0.41		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	1.72					
Intersection LOS	A					

APPENDIX F
ADT Data

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Baldwin Park
Garvey Avenue
B/ Frazier Street - Fairgrove Avenue
24 Hour Directional Volume Count

BPK001
Site Code: 041-19654

Start	19-Sep-19	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Thu	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		5	20			3	17				
12:15		5	15			2	19				
12:30		4	22			2	16				
12:45		2	13	16	70	4	18	11	70	27	140
01:00		5	15			3	20				
01:15		2	15			1	19				
01:30		0	20			0	27				
01:45		1	19	8	69	4	17	8	83	16	152
02:00		1	23			3	24				
02:15		0	33			0	21				
02:30		2	28			1	19				
02:45		2	20	5	104	0	18	4	82	9	186
03:00		1	27			4	**26**				
03:15		4	20			4	**28**				
03:30		6	**33**			0	**17**				
03:45		1	**32**	12	112	1	**23**	9	94	21	206
04:00		2	**44**			3	19				
04:15		6	**22**			2	14				
04:30		2	24			0	12				
04:45		5	31	15	121	2	14	7	59	22	180
05:00		2	33			8	14				
05:15		3	28			9	19				
05:30		3	21			8	16				
05:45		4	24	12	106	12	13	37	62	49	168
06:00		4	31			20	21				
06:15		14	26			35	17				
06:30		9	29			29	18				
06:45		9	22	36	108	28	8	112	64	148	172
07:00		5	26			**49**	18				
07:15		10	17			**39**	14				
07:30		17	23			**32**	11				
07:45		16	27	48	93	**45**	15	165	58	213	151
08:00		19	21			29	15				
08:15		10	23			29	20				
08:30		15	17			8	12				
08:45		11	15	55	76	14	21	80	68	135	144
09:00		9	11			13	11				
09:15		15	14			15	7				
09:30		12	10			12	14				
09:45		16	11	52	46	14	12	54	44	106	90
10:00		14	7			15	8				
10:15		7	10			21	9				
10:30		14	8			8	5				
10:45		**25**	9	60	34	12	11	56	33	116	67
11:00		**13**	5			14	7				
11:15		**19**	4			13	5				
11:30		**22**	8			12	2				
11:45		12	4	66	21	26	4	65	18	131	39
Total		385	960	385	960	608	735	608	735	993	1695
Combined Total		1345		1345		1343		1343		2688	
AM Peak	-	10:45	-	-	-	07:00	-	-	-	-	-
Vol.	-	79	-	-	-	165	-	-	-	-	-
P.H.F.		0.790				0.842					
PM Peak	-	-	03:30	-	-	-	03:00	-	-	-	-
Vol.	-	-	131	-	-	-	94	-	-	-	-
P.H.F.			0.744				0.839				
Percentage		28.6%	71.4%			45.3%	54.7%				
ADT/AADT		ADT 2,688		AADT 2,688							

APPENDIX G
Speed Survey Data

City of Baldwin Park

Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed	TOT.
				Eastbound / Westbound	VEH.
55	0	0	55		0
54	0	0	54		0
53	0	0	53		0
52	0	0	52		0
51	0	0	51		0
50	0	0	50		0
49	0	4	49	X X X X	4
48	0	1	48	X	1
47	2	2	47	X X / X X	4
46	1	2	46	X / X X	3
45	5	3	45	X X X X X / X X X	8
44	2	4	44	X X / X X X	6
43	3	7	43	X X X / X X X X X	10
42	6	8	42	X X X X X X / X X X X X X X	14
41	2	6	41	X X / X X X X X	8
40	3	4	40	X X X / X X X X	7
39	6	6	39	X X X X X X / X X X X X X	12
38	3	8	38	X X X / X X X X X X X	11
37	12	7	37	X X X X X X X X X X X X / X X X X X X X	19
36	14	10	36	X X X X X X X X X X X X X X / X X X X X X X X X X	24
35	12	8	35	X X X X X X X X X X X X / X X X X X X X X	20
34	8	2	34	X X X X X X X X / X X	10
33	7	4	33	X X X X X X X / X X X X	11
32	4	4	32	X X X X / X X X X	8
31	2	4	31	X X / X X X X	6
30	1	1	30	X / X	2
29	4	3	29	X X X X / X X X	7
28	1	0	28	X	1
27	1	2	27	X / X X	3
26	1	0	26	X	1
25	0	0	25		0
24	0	0	24		0
23	0	0	23		0
22	0	0	22		0
21	0	0	21		0
20	0	0	20		0
19	0	0	19		0
18	0	0	18		0
17	0	0	17		0
16	0	0	16		0
15	0	0	15		0
14	0	0	14		0
13	0	0	13		0
12	0	0	12		0
11	0	0	11		0
10	0	0	10		0
9	0	0	9		0
8	0	0	8		0
7	0	0	7		0
6	0	0	6		0
5	0	0	5		0
Total	100	100		GRAND TOTALS	200

* * * PACE * * *

Location: Garvey Avenue

Between: Frazier Street - Fairgrove Avenue

Weather: Clear

Date: 9/19/19

Time From: 9:00

Time To: 10:55

Existing Speed Limit: N / P MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	13%	12%	18%
% In Pace:	73%	68%	68%
% Under Pace:	14%	20%	14%
Average Speed:	37 MPH	38 MPH	38 MPH
Pace Speed:	33 - 42 MPH	35 - 44 MPH	33 - 42 MPH
15th Percentile / Critical Speed:	33 MPH	33 MPH	33 MPH
50th Percentile / Critical Speed:	36 MPH	38 MPH	37 MPH
85th Percentile / Critical Speed:	42 MPH	44 MPH	43 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

APPENDIX H
Pedestrian and Bicycle Counts

Location: Baldwin Park
N/S: Fairgrove Avenue
E/W: Garvey Avenue

Date: 9/19/2019
Day: Thursday

PEDESTRIANS

	North Leg Fairgrove Avenue	East Leg Garvey Avenue	South Leg Fairgrove Avenue	West Leg Garvey Avenue	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	0	0
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	2	0	0	0	2
8:30 AM	1	0	0	0	1
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	3	0	0	0	3

	North Leg Fairgrove Avenue	East Leg Garvey Avenue	South Leg Fairgrove Avenue	West Leg Garvey Avenue	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	0	0	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	0	0
4:45 PM	2	0	0	0	2
5:00 PM	1	0	0	0	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	4	0	0	0	4

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Baldwin Park
N/S: Fairgrove Avenue
E/W: Garvey Avenue

Date: 9/19/2019
Day: Thursday

BICYCLES

	Southbound Fairgrove Avenue			Westbound Garvey Avenue			Northbound Fairgrove Avenue			Eastbound Garvey Avenue			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
7:45 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
8:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	1	0	0	0	4	0	0	0	0	0	1	0	6

	Southbound Fairgrove Avenue			Westbound Garvey Avenue			Northbound Fairgrove Avenue			Eastbound Garvey Avenue			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	1
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	2	0	0	0	0	1	1	0	4

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

APPENDIX I
MUTCD Warrant Analysis

ALL-WAY STOP WARRANT ANALYSIS

All guidelines are taken from the *California MUTCD 2014 Edition* Chapter 2B, Section 2B.07

Date: December 16, 2019
City: Baldwin Park, CA
Intersection: Fairgrove Avenue and Garvey Avenue
Analyst: KOA Corporation

B. Five or more reported crashes in a 12-month period that are susceptible to correction by a multi-way stop installation. Such crashes include right-turn and left-turn collisions as well as right-angle collisions.

Collision data from the *UC Berkeley TIMS* database appears to have zero collisions on the intersection from 01/01/2018 to 12/31/2018.

C. Minimum volumes:

1. *The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day; and*

The highest vehicular volume entering the intersection from both major street approaches per hour within an 8 hour time frame currently averages 147 vehicles per hour from 7:00 AM to 3:00 and does not meet the minimum requirement of 300 vehicles per hour.

Using the PM Peak hour trips, the project would add 6 vehicles trips to the major intersection approach during the PM peak hour and the average hourly volume would be 153 which is still not enough to meet the 300 vehicle requirement.

Under the Future with Project conditions, the growth rate of 1.01 is expected to bring the volume to 148 along with 6 project trips and 5 area project trips for the major approaches, totaling 159; this would still not be enough to satisfy the requirement.

2. *The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour; but*

ADT data does not include the minor approach and therefore peak hour turning volume counts were used for this analysis. To be conservative and avoid outliers, the lowest peak hour from AM and PM was used. The highest combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor approach during the lowest peak hour is currently 43 vehicles per hour from 4 pm to 5 pm plus four pedestrians and zero bicyclists during the same hour for a total of 47 units per hour and does not meet the minimum required average of 200 units per hour The intersection approach delay is also not satisfied with 10.15 seconds of delay during the A.M. Peak hour period.

With the existing plus project conditions, the project would add zero (0) trips from the minor

approach into the intersection during the AM peak hour period and therefore the current 43 vehicles per hour would remain the same, even under the future with project conditions, the growth rate of 1.01 would not add significant volumes to satisfy this criteria.

3. *If the 85th-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the values provided in Items 1 and 2.*

The 85th-Percentile approach from Garvey Avenue (Major Street) exceeds the 40 mph threshold with a combined 43 MPH average for both approaches, therefore with the new thresholds for C.1 and C.2 of 70% now being 210 and 140 respectively, the value from C.1 would not meet the new threshold, the value from C.2 still would not meet the requirement with a combined value of 44.
Under the existing with project conditions, the criteria for C.1 would remain unmet and the criteria for C.2 would also remain unmet. C.2 would remain unmet even in the future with project conditions including combined vehicular, pedestrian, and bicyclist units.

D. Where no single criterion is satisfied, but where Criteria B, C.1, and C.2 are all satisfied to 80 percent of the minimum values. Criterion C.3 is excluded from this condition. Option: 05

Conclusively, the warrant is not satisfied because there are no reported collisions within the 12 month period, and C.2 does not meet the requirement at a 70% threshold in existing, existing plus project or future plus project conditions.