APPENDIX A

Notice of Preparation (NOP), Initial Study, Scoping Meeting Materials, NOP Comments Received

A-1 Notice of Preparation

LOS ANGELES DEPARTMENT OF CITY PLANNING
200 N. SPRING STREET, ROOM 750
LOS ANGELES, CA 90012

NOTICE OF PREPARATION
OF ENVIRONMENTAL IMPACT REPORT AND PUBLIC SCOPING MEETING

December 21, 2017

ENVIRONMENTAL CASE NO.:	ENV-2016-4630-EIR
PROJECT NAME:	1045 Olive Project
PROJECT APPLICANT:	1045 Olive, LLC
PROJECT ADDRESS:	1033 - 1057 S. Olive Street, Los Angeles, CA, 90015
COMMUNITY PLAN AREA:	Central City
COUNCIL DISTRICT:	14 - Huizar
PUBLIC COMMENT PERIOD:	December 21, 2017 – January 19, 2018
SCOPING MEETING:	Wednesday, January 10, 2018, 5:00 p.m. - 7:00 p.m. See below for additional information.

The City of Los Angeles (City) intends to prepare an Environmental Impact Report (EIR) for the proposed 1045 Olive Project (Project). In accordance with Section 15082 of the California Environmental Quality Act (CEQA) Guidelines, the City has prepared this Notice of Preparation to provide the public, nearby residents and property owners, responsible agencies, and other interested parties with information regarding the Project and its potential environmental effects. The EIR will be prepared by outside consultants under the supervision of the City of Los Angeles, Department of City Planning.

The City requests your written comments as to the scope and contents of the EIR, including mitigation measures or project alternatives to reduce potential environmental impacts from the Project. Comments must be submitted in writing according to directions below. If you represent a public agency, the City seeks written comments as to the scope and content of the environmental information in the EIR that are germane to your agency's statutory responsibilities in connection with the Project. Your agency may need to use the EIR prepared by the City when considering your permit or other approval for the Project.

A Public Scoping Meeting will be held to receive input as to what environmental topics the EIR should study. No decisions about the Project are made at the Public Scoping Meeting. Additional project details, meeting information, and instructions for public comment submittal are listed below.

PROJECT LOCATION AND EXISTING ON-SITE USES: The Project Site is located in the South Park community of Downtown Los Angeles, within the Central City Community Plan Area. The Project Site is 41,603 square feet in size, inclusive of 34,673 square feet occupied by four existing commercial buildings (containing 35,651 square feet of rentable area), 3,424 square feet of paved parking lot area and 3,506 square feet of right of way and alley easement area. The existing buildings are one-story in height and are typical of older single story commercial buildings in the Project vicinity. (See attached Project Location Map).

PROJECT DESCRIPTION: The Project includes the removal of four existing commercial buildings and the construction of a mixed-use high-rise building not to exceed 751,777 square feet containing a maximum of 794 residential units and 12,504 square feet of commercial uses located at the ground and mezzanine levels. At 70 stories, with a 61-story tower above a nine-story podium structure, the Project would reach up to 810 feet in height. Neighborhood serving commercial uses and a residential lobby would front along 11th Street and Olive Street. A public plaza space would be located at the corner of 11th Street and Olive Street. In addition, the Project would provide up to 100,652 square feet of amenity/open space area for its residents located above the podium structure, at mid-tower, on a roof terrace and within private balconies. Vehicle and bicycle parking would be provided per requirements of the LAMC within up to six (6) subterranean levels and eight (8) partial levels above grade (the fifth through ninth levels will contain residential units and other active uses along the perimeter of the Podium along the 11th Street and Olive Street frontages). The maximum floor-area ratio (FAR) for the Transit Area Mixed-Use Project would be 13:1.

Project construction would take place in a single phase anticipated to begin in 2019 with Project buildout projected for 2023. To provide for the new development, approximately 80,520 cubic yards of soil would be excavated, all of which is expected to be exported off site.

Proposed Project

Land Use	Space	
Residential		
Residential Units	794	units
Residential Unit Floor Area	739,273	sf
Commercial Floor Area	12,504	sf
Total Building Floor Area	**751,777**	**sf**
Open Space		
Public Plaza	2,728	sf
Residential Open Space		
Common Open Space - Exterior	37,927	sf
Common Open Space - Interior	23,025	sf
Private Balcony Space	39,700	sf
Total Residential Open Space	100,652	sf
Total Open Space Area	**103,380***	**sf**

Notes: sf = square feet

**Note: The Plaza is not classified as Open Space*

Source: 1045 Olive, LLC, 2017

REQUESTED ACTIONS:

1. Approval of a **Transfer of Floor Area Rights** (TFAR) for a Transit Area Mixed-Use Project, from the Los Angeles Convention Center (Donor Site) at 1201 S. Figueroa Street, a City-owned property, to the Project Site (Receiver Site) for the approximate amount of 404,803 square feet of floor area;

2. Approval of **Master Conditional Use Permit** (MCUP) for the sale and dispensing of a full-line of alcoholic beverages for on-site consumption within up to ten establishments;

3. **Site Plan Review** for a project that would result in an increase of 50 or more dwelling units;

4. **Approval/Clearance from CRA/LA** for conformance with the City Center Redevelopment Plan;

5. Provision of a **Zoning Administrator Interpretation (ZAI)** as follows:

    - An interpretation that all parts of the Project's wrap-around balconies, including corner areas, do not fit the definition of Floor Area under LAMC Section 12.03, even if some or all of such areas do not count toward meeting the Project's open space requirement and

    - An interpretation of the LAMC to clarify that the covered exterior open space provided within the Project's open space building cutout features are not considered Floor Area and meet the LAMC definition of "Common Open Space". If the building cutout areas are not counted as Common Open Space, there be an interpretation that these spaces qualify as "Recreation Rooms" under LAMC Section 12.21-G.2(a)(4)(i), to allow the areas to be counted towards interior Common Open Space;

6. Permission to provide residential parking consistent with LAMC Section 12.21-A.4(p) at a ratio of approximately 1.1 parking space per residential dwelling unit in consideration of its proximity to jobs, services, and public transit, in lieu of the 2.25 parking spaces per residential condominium unit provided by Advisory Agency policy memo AA-2000-1;

7. Approval of **Vesting Tentative Tract Map 74531**, for the merger and resubdivision of the project site to create one master ground lot, 17 airspace lots, 794 residential condominium units and up to 12,504 square feet of commercial space;

8. Approval of a haul route in conjunction with the Vesting Tentative Tract Map; and

9. Other administrative approvals and permits as deemed necessary by the City to implement the Project including but not limited to the following: demolition, excavation, shoring, grading, foundation, building, street tree removal, and tenant improvements.

POTENTIAL ENVIRONMENTAL EFFECTS OF THE PROJECT: Based on an Initial Study, the proposed project could have potentially significant environmental impacts in the following topic areas, which will be addressed in the EIR: Air Quality, Cultural Resources, Geology and Soils, Greenhouse Gas Emissions, Hazards & Hazardous Materials, Hydrology & Water Quality, Noise, Population/Housing, Public Services, Recreation, Transportation/Traffic and Utilities/Service Systems/Energy.

PUBLIC SCOPING MEETING: A Public Scoping Meeting will be held in **an open house format** to share information regarding the Project and the environmental review process and to receive written public comments regarding the scope and content of the environmental analysis to be addressed in the EIR. City staff, environmental consultants, and project representatives will be available, but no formal presentation is scheduled. You may stop by at any time during the hours listed below to view materials, ask questions, and provide written comments. The City encourages all interested individuals and organizations to attend this meeting. Written comments may be submitted, but there will be no verbal comments or public testimony taken at the Public Scoping Meeting. No decisions about the Project will be made at the Public Scoping Meeting. A separate public

hearing for Municipal Code entitlement requests, will be scheduled after the completion of the EIR. The date, time, and location of the Public Scoping Meeting are as follows:

Date:	Wednesday, January 10, 2018
Time:	5:00 p.m. – 7:00 p.m.
Location:	1057 S. Olive Street Los Angeles, CA 90015 (*Formerly Trumark Urban's Sales Office for 1050 Grand)*

Free (validated) parking is available at the LAZ Parking Lots located at 1105 S. Olive Street and 1120 S. Olive Street.

FILE REVIEW AND COMMENTS: The enclosed materials reflect the scope of the Project. The environmental file is available for public review at the City of Los Angeles, Department of City Planning, 200 N. Spring Street, Room 750, Los Angeles, CA 90012, during office hours Monday - Friday, 9:00 a.m. - 4:00 p.m. To review the file, please contact the Staff Planner listed below to schedule an appointment. A copy of this notice and the Initial Study prepared for the Project may be viewed with the environmental file or online at http://planning.lacity.org by clicking on the "Environmental Review" tab, then "Notice of Preparation & Public Scoping Meetings", and then clicking on the document links below the Project title.

The City will consider all written comments regarding the potential environmental impacts of the Project and issues to be addressed in the EIR. **Written comments must be submitted to this office by 4:00 p.m.,** January 19, 2018. Written comments will also be accepted at the Public Scoping Meeting described above.

Please direct your comments to:

Mail:	Sarah Molina Pearson City of Los Angeles, Department of City Planning 200 N. Spring Street, Room 750 Los Angeles, CA 90012
E-mail:	sarah.molina-pearson@lacity.org

ACCOMMODATIONS: As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability. The Public Scoping Meeting facility and its parking are wheelchair accessible. Sign language interpreters, assistive listening devices, or other auxiliary aids and/or services may be provided upon request. Other services, such as translation between English and other languages, may also be provided upon written request submitted a minimum of seven (7) working days in advance to: per.planning@lacity.org. Be sure to identify the language you need English to be translated into, and indicate if the request is for oral or written translation services. If translation of a written document is requested, please include the document to be translated as an attachment to your email.

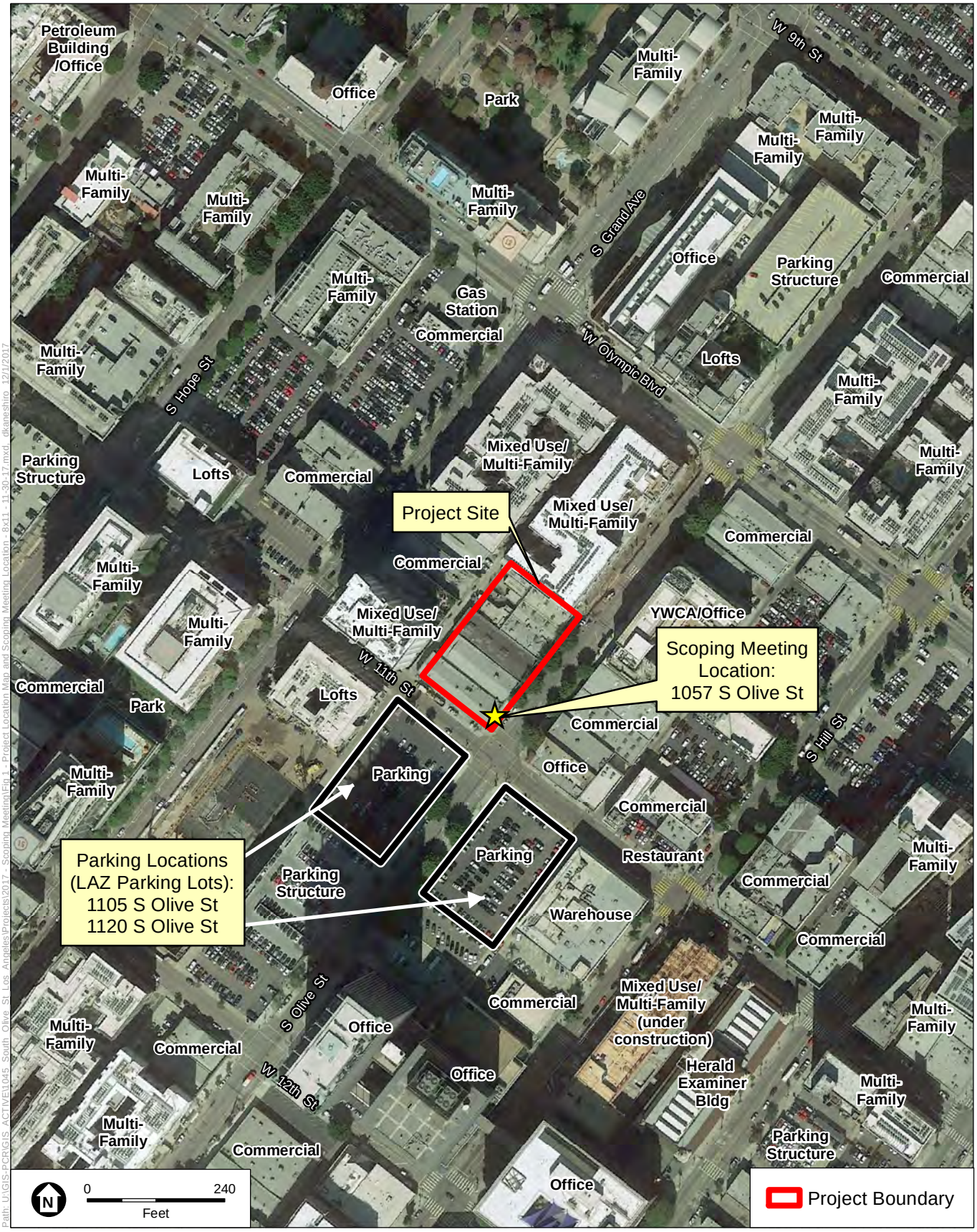
VINCENT P. BERTONI, AICP
Director of Planning

Sarah Molina Pearson

Sarah Molina Pearson
Major Projects Section
Department of City Planning
(213)473-9983

Attachments:
Project Location Map
Conceptual Site Plan

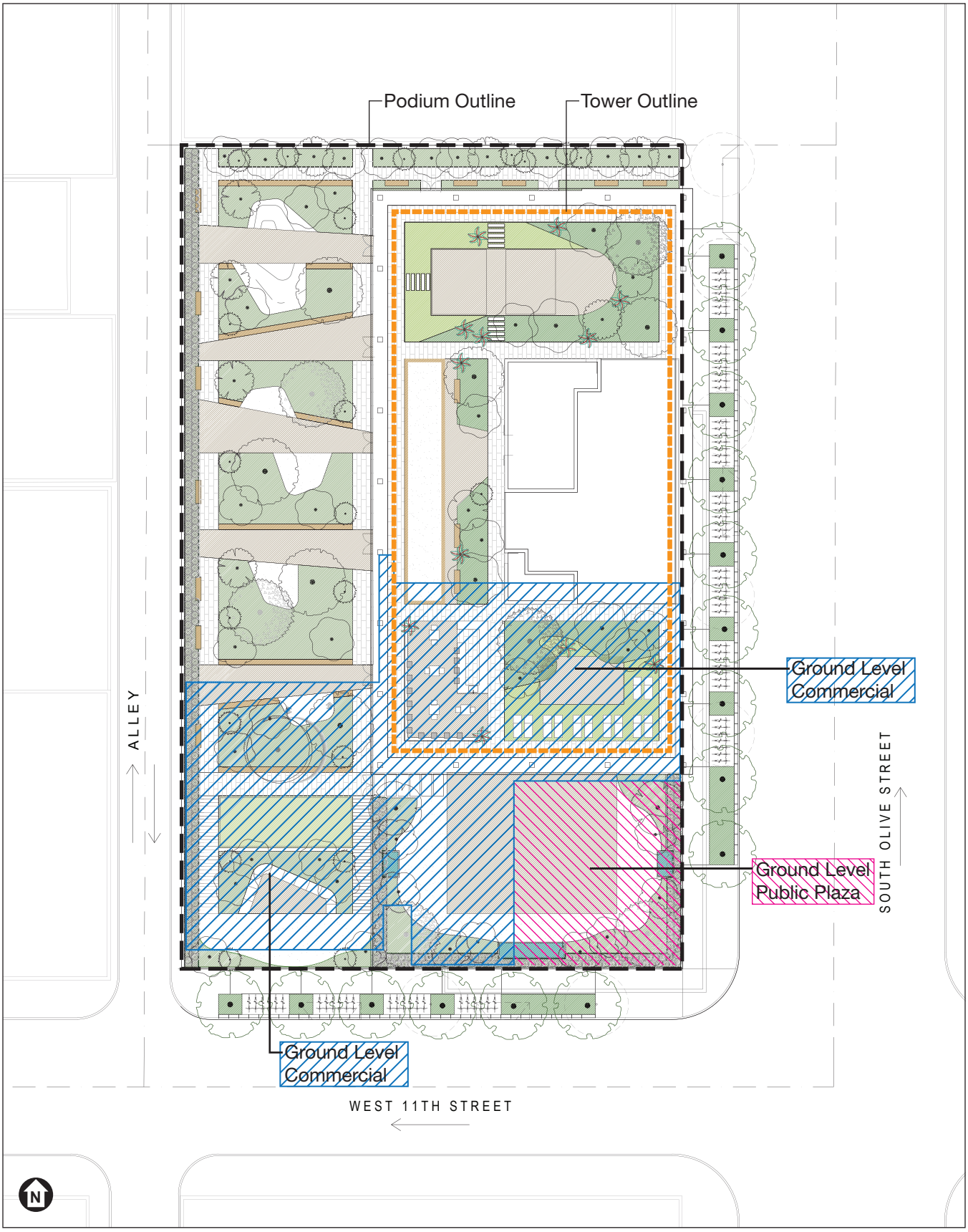
Puede obtener información en Español acerca de esta junta llamando al (213) 978-1300.



SOURCE: Google Earth, 2016

1045 Olive Street

Figure 1
Project Location Map and Scoping Meeting Location



SOURCE: ODA New York, 2017; ESA, 2017

1045 Olive Street

Figure 2
Conceptual Site Plan

A-2 Initial Study

CITY OF LOS ANGELES
DEPARTMENT OF CITY PLANNING
CITY HALL 200 NORTH SPRING STREET LOS ANGELES CA 90012

INITIAL STUDY

1045 Olive Project

Case Number: ENV- 2016-4630-EIR

Project Location: 1033 - 1057 S. Olive Street, Los Angeles, CA 90015

Community Plan Area: Central City

Council District: 14 – Huizar

Project Description: The 1045 Olive Project (the Project) includes the removal of four existing commercial buildings and the construction of a mixed-use high-rise building not to exceed 751,777 square feet containing a maximum of 794 residential units and 12,504 square feet of commercial uses located at the ground and mezzanine levels. At 70 stories, the project will reach up to 810 feet in height. The neighborhood serving commercial uses and residential lobby would front along 11th Street and Olive Street. Vehicle and bicycle parking would be provided per requirements of the Los Angeles Municipal Code (LAMC) within up to six (6) subterranean levels and eight (8) partial levels above grade (the fifth through ninth levels will contain residential units and other active uses along the perimeter of the Podium along the 11th Street and Olive Street frontages).

The Project sits on an approximately 0.96-acre Site (Project Site), approximately 0.6 miles north of the Santa Monica Freeway (I-10) and 0.60 miles east of the Harbor Freeway (I-110) in the South Park community of Downtown Los Angeles. The Project Site is located at the northwest corner of the intersection of Olive Street and 11th Street. It is zoned [Q]R5-4D-O and designated by the Central City Community Plan as High Density Residential.

PREPARED FOR:

The City of Los Angeles
Department of City Planning

PREPARED BY:

ESA
233 Wilshire Blvd., Suite. 150
Santa Monica, CA 90401

APPLICANT:

1045 Olive, LLC
2200 Biscayne Blvd.,
Miami, FL 33137

December 2017

INITIAL STUDY
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INITIAL STUDY AND APPENDIX G CHECKLIST

CITY OF LOS ANGELES

OFFICE OF THE CITY CLERK
ROOM 360, CITY HALL
LOS ANGELES, CALIFORNIA 90012

CALIFORNIA ENVIRONMENTAL QUALITY ACT

INITIAL STUDY
AND APPENDIX G CHECKLIST

LEAD CITY AGENCY	COUNCIL DISTRICT	DATE
City of Los Angeles Department of City Planning	14 - Huizar	December, 2017

RESPONSIBLE AGENCIES

Regional Water Quality Control Board, South Coast Air Quality Management District (SCAQMD), CRA/LA

PROJECT TITLE/CASE NO.	RELATED CASE NOS.
1045-Olive Project / ENV-2016-4630-EIR	CPC-2017-3251-TDR-MCUP-SPR VTT-74531-CN ZA-2017-4845-ZAI

PROJECT LOCATION:

1033, 1035, 1039, 1041, 1045, 1047, 1049, 1053, 1055 and 1057 South Olive Street

APPLICANT NAME AND ADDRESS:	PHONE NUMBER:
1045 Olive, LLC, 2200 Biscayne Blvd., Miami, FL 33137	**424 653-2100**

PROJECT DESCRIPTION:

The 1045 Olive Project (the Project) includes the removal of four existing commercial buildings and the construction of a mixed-use high-rise building not to exceed 751,777 square feet containing a maximum of 794 residential units and 12,504 square feet of commercial uses located at the ground and mezzanine levels. At 70 stories, with a 61-story tower above a nine-story podium structure, the Project would reach up to 810 feet in height. Neighborhood serving commercial uses and a residential lobby would front along 11th Street and Olive Street. A public plaza space would be located at the corner of 11th Street and Olive Street. In addition, the Project would provide up to 100,652 square feet of amenity/open space area for its residents located above the podium structure, at mid-tower, on a roof terrace and within private balconies. Vehicle and bicycle parking would be provided per requirements of the LAMC within up to six (6) subterranean levels and eight (8) partial levels above grade (the fifth through ninth levels will contain residential units and other active uses along the perimeter of the Podium along the 11th Street and Olive Street frontages). The maximum floor-area ratio (FAR) for the Transit Area Mixed-Use Project would be 13:1.

For further discussion, see Attachment A, Project Description.

ENVIRONMENTAL SETTING:

The Project Site is 41,603 square feet in size, inclusive of 34,673 square feet occupied by four existing commercial buildings (containing 35,651 square feet of rentable area), 3,424 square feet of paved parking lot area and 3,506 square feet of right of way and alley easement area. The existing buildings are one-story in height and are typical of older single story commercial buildings in the Project vicinity. Uses surrounding the Project Site include a seven-story mixed-use development to the north, surface parking lot to the south, seven-story mixed-use development to the northwest, single story commercial uses to the east and a 25-story mixed-use high-rise building to the west.

The Project Site is located in the South Park community of Downtown Los Angeles. The South Park area includes a mix of residential, medical, commercial, and retail uses. There is a substantial concentration of housing located next to and over support services, such as retail and commercial developments that provide employment opportunities. The Project Site is

located just over one/quarter mile from the Convention Center, Staples Center and the Figueroa Corridor.

The Project Site is served by a network of regional transportation facilities that provide access to the greater metropolitan area. It is located less than 0.5 miles from Metro Blue Line and Expo Line station at Pico Boulevard, adjacent to multiple bus and shuttle lines in the immediate vicinity; and it is located approximately 0.6 miles north of the Santa Monica Freeway (I-10) and 0.6 miles east of the Harbor Freeway (I-110).

For further discussion, see Attachment A, Project Description.

Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, has consultation begun?

No. Outreach to tribes will occur upon the issuance of the Notice of Preparation for the Project.

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

DETERMINATION (To be completed by Lead Agency)

On the basis of this initial evaluation:

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

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

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

☐ I find the proposed 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 earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

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

Sarah Molina Pearson
Printed Name

City Planner
TITLE

Sarah Molina Pearson
SIGNATURE

(213)473-9983
TELEPHONE NUMBER

EVALUATION OF ENVIRONMENTAL IMPACTS:

1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less that significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of a mitigation measure has reduced an effect from "Potentially Significant Impact" to "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analysis," as described in (5) below, may be cross referenced).
5) Earlier analysis must be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR, or negative declaration. Section 15063 (c)(3)(D). In this case, a brief discussion should identify the following:
    a) Earlier Analysis Used. Identify and state where they are available for review.
    b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
    c) Mitigation Measures. For effects that are "Less Than Significant With Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7) Supporting Information Sources: A sources list should be attached, and other sources used or individuals contacted should be cited in the discussion.
8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whichever format is selected.
9) The explanation of each issue should identify:
    a) The significance criteria or threshold, if any, used to evaluate each question; and
    b) The mitigation measure identified, if any, to reduce the impact to less than significance.

☞ **ENVIRONMENTAL IMPACTS** (Explanations of all potentially and less than significant impacts are required to be attached on separate sheets)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS. Would the project:				
a. Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c. Substantially degrade the existing visual character or quality of the site and its surroundings?	☐	☐	☐	☒
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☐	☒
II. AGRICULTURE AND FORESTRY RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b. Conflict with existing zoning for agricultural use, or a Williamson Act Contract?	☐	☐	☐	☒
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d. Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY. Where available, the significance criteria established by the South Coast Air Quality Management District (SCAQMD) may be relied upon to make the following determinations. Would the project:				
a. Conflict with or obstruct implementation of the applicable air quality plan?	☒	☐	☐	☐
b. Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	☒	☐	☐	☐
c. Result in a cumulatively considerable net increase of any criteria pollutant for which the air basin is non-attainment (ozone, PM_{10}, and $PM_{2.5}$**)** under an applicable federal or state ambient air quality standard?	☒	☐	☐	☐
d. Expose sensitive receptors to substantial pollutant concentrations?	☒	☐	☐	☐
e. Create objectionable odors affecting a substantial number of people?	☐	☐	☒	☐
IV. BIOLOGICAL RESOURCES. Would the project:				
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☒	☐
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California of Fish and Game or U.S. Fish and Wildlife Service ?	☐	☐	☐	☒
c. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☒	☐	☐
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☒	☐
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

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

VI. GEOLOGY AND SOILS.

In 2015, the California Supreme Court in CBIA v. BAAQMD, held that CEQA generally does not require a lead agency to consider the impacts of the existing environment on the future residents or users of the project. The revised thresholds are intended to comply with this decision. Specifically, the decision held that an impact from the existing environment to the project, including future users and/or residents, is not an impact for purposes of CEQA. However, if the project, including future users and residents, exacerbates existing conditions that already exist, that impact must be assessed, including how it might affect future users and/or residents of the project.

In accordance with Appendix G of the State CEQA Guidelines and the CBIA v. BAAQMD decision, the project would have a significant impact related to geology and soils if it results in any of the following impacts to future residents or users.

Would the Project:

a. Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault caused in whole or in part by the project's exacerbation of the existing environmental conditions? Refer to Division of Mines and Geology Special Publication 42.	☒	☐	☐	☐
ii. Strong seismic ground shaking caused in whole or in part by the project's exacerbation of the existing environmental conditions?	☒	☐	☐	☐
iii. Seismic-related ground failure, including liquefaction caused in whole or in part by the project's exacerbation of the existing environmental conditions.?	☒	☐	☐	☐
iv. Landslides caused in whole or in part by the project's exacerbation of the existing environmental conditions.?	☐	☐	☐	☒
b. Result in substantial soil erosion or the loss of topsoil?	☒	☐	☐	☐

	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 caused in whole or in part by the project's exacerbation of the existing environmental conditions?	☒	☐	☐	☐
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property caused in whole or in part by the project's exacerbation of the existing environmental conditions.?	☒	☐	☐	☐
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?	☐	☐	☐	☒

VII. GREENHOUSE GAS EMISSIONS. Would the project:

a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☒	☐	☐	☐
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☒	☐	☐	☐

VIII. HAZARDS AND HAZARDOUS MATERIALS.

In 2015, the California Supreme Court in CBIA v. BAAQMD, held that CEQA generally does not require a lead agency to consider the impacts of the existing environment on the future residents or users of the project. The revised thresholds are intended to comply with this decision. Specifically, the decision held that an impact from the existing environment to the project, including future users and/or residents, is not an impact for purposes of CEQA. However, if the project, including future users and residents, exacerbates existing conditions that already exist, that impact must be assessed, including how it might affect future users and/or residents of the project. For example, if construction of the project on a hazardous waste site will cause the potential dispersion of hazardous waste in the environment, the EIR should assess the impacts of that dispersion to the environment, including to the project's residents.

In accordance with Appendix G of the State CEQA Guidelines and the CBIA v. BAAQMD decision, the project would have a significant impact related to geology and soils if it results in any of the following impacts to future residents or users.

Would the project:

a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☒	☐	☐	☐
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☒	☐	☐	☐
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☒	☐	☐	☐

	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 caused in whole or in part by the project's exacerbation of the existing environmental conditions?	☐	☐	☒	☐
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 have the potential to exacerbate current environmental conditions so as to result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
f. For a project within the vicinity of a private airstrip, would the project have the potential to exacerbate current environmental conditions so as to result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
g. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☒	☐	☐	☐
h. Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands caused in whole or in part by the project's exacerbation of the existing environmental conditions?	☐	☐	☐	☒
IX. HYDROLOGY AND WATER QUALITY. Would the project:				
a. Violate any water quality standards or waste discharge requirements?	☒	☐	☐	☐
b. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned land uses for which permits have been granted)?	☐	☐	☒	☐
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	☒	☐	☐	☐
d. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in an manner which would result in flooding on- or off site?	☒	☐	☐	☐

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	☒	☐	☐	☐
f. Otherwise substantially degrade water quality?	☒	☐	☐	☐
g. Place housing within a 100-year flood hazard area as mapped on federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	☐	☐	☐	☒
h. Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	☐	☐	☐	☒
i. Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	☐	☐	☐	☒
j. Inundation by seiche, tsunami, or mudflow?	☐	☐	☐	☒
X. LAND USE AND PLANNING. Would the project:				
a. Physically divide an established community?	☐	☐	☒	☐
b. Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐
c. Conflict with any applicable habitat conservation plan or natural community conservation plan?	☐	☐	☐	☒
XI. MINERAL RESOURCES. Would the project:				
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b. Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒
XII. NOISE. Would the project result in:				
a. Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☒	☐	☐	☐
b. Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	☒	☐	☐	☐
c. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	☒	☐	☐	☐
d. A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	☒	☐	☐	☐

	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 expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒
f. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒
XIII. POPULATION AND HOUSING. Would the project:				
a. Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☒	☐	☐	☐
b. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒
c. Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒
XIV. PUBLIC SERVICES. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
a. Fire protection?	☒	☐	☐	☐
b. Police protection?	☒	☐	☐	☐
c. Schools?	☒	☐	☐	☐
d. Parks?	☒	☐	☐	☐
e. Other public facilities?	☒	☐	☐	☐
XV. RECREATION.				
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☒	☐	☐	☐
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☒	☐	☐	☐

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. TRANSPORTATION/TRAFFIC. Would the project:				
a. Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	☒	☐	☐	☐
b. Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	☒	☐	☐	☐
c. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	☐	☐	☒	☐
d. Substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☒	☐	☐	☐
e. Result in inadequate emergency access?	☒	☐	☐	☐
f. Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	☒	☐	☐	☐
XVII. TRIBAL CULTURAL RESOURCES. Would the project:				
a. Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: 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)?	☒	☐	☐	☐

	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 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: A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?	☒	☐	☐	☐
XVIII. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	☒	☐	☐	☐
b. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☒	☐	☐	☐
c. Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☒	☐	☐	☐
d. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	☒	☐	☐	☐
e. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☒	☐	☐	☐
f. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	☐	☐	☒	☐
g. Comply with federal, state, and local statutes and regulations related to solid waste?	☐	☐	☒	☐
XVIV. MANDATORY FINDINGS OF SIGNIFICANCE.				
a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☒	☐	☐	☐

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects).	☒	☐	☐	☐
c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☒	☐	☐	☐

ATTACHMENT A

Project Description

ATTACHMENT A
Project Description

A. Project Summary

1045 Olive, LLC (Applicant) proposes the development of a new mixed-use development on an approximately 0.96-acre site located at the northwest corner of Olive Street and 11th Street (Project Site). Five existing single story commercial buildings containing 35,651 square feet would be removed and replaced with a new 751,777 square foot mixed-use high-rise building (Project).

The Project would include a maximum of 794 residential units and 12,504 square feet of neighborhood serving commercial uses located at the ground level. The development would include a 61-story tower atop a nine level podium structure (Podium) for a total of 70 floors, up to 810 feet in height.[1] Approximately 103,380 square feet of amenity/open space would be provided including a ground level public plaza with streetscaping, landscaping and a public art display (Plaza). Open space and recreation facilities for residents would be located atop the Podium (10th Floor Terrace), at mid-tower, on a terrace on the tower rooftop (Tower Roof Terrace) and within private balconies. At the pedestrian level, the Project would provide a 17-foot sidewalk along Olive Street and a 15-foot sidewalk (including a 3-foot sidewalk easement) along 11th Street in conformance with Mobility Plan 2035.

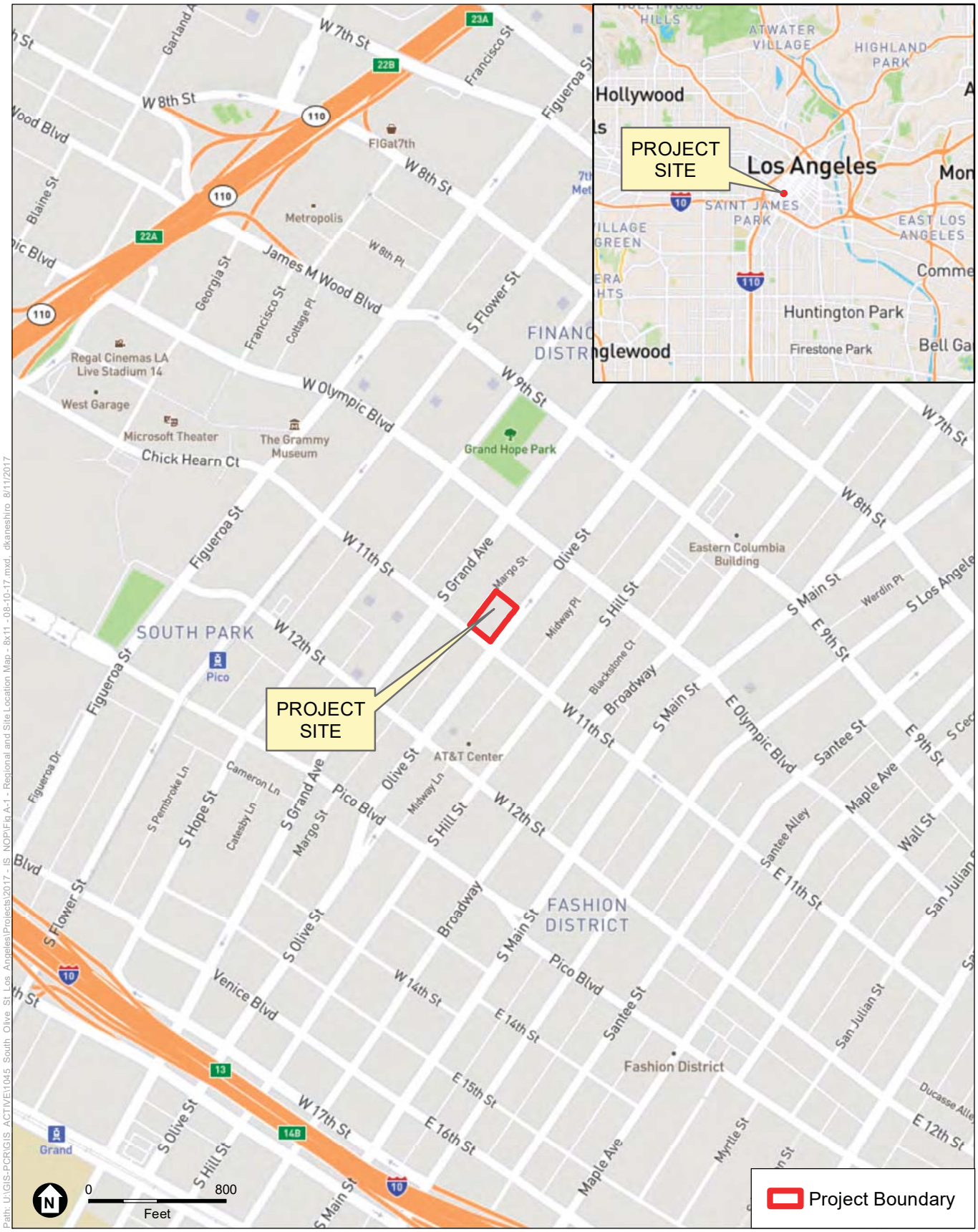
Vehicle access (ingress/egress) would be provided from one entrance along Olive Street, near the northern property line, and from two entrances on the alley between 11th Street and Olympic Boulevard. An on-site loading and move-in/out service area would also be accessed from the alley near the center of the Project Site. Vehicle parking would be provided within six (6) subterranean parking levels and in eight (8) partial levels of above grade parking within the Podium. The Project would provide up to 891 parking spaces, and up to 886 bicycle spaces.

B. Environmental Setting

Project Location and Surrounding Uses

As indicated in **Figure A-1**, *Regional and Site Location Map,* the 0.96-acre (41,603 sf) Project Site is located at the northwest corner of Olive Street and W. 11th Street in the Downtown area and South Park community of the City of Los Angeles (City).

[1] The height to the top of the residential development, i.e. to the Tower Roof Terrace, is 770 feet. The 810 feet is the height to the top of the rooftop screening.



SOURCE: Open Street Map, 2016

1045 Olive Street

Figure A-1
Regional and Site Location Map

Path: U:\GIS-PCR\GIS_ACTIVE\1045_South_Olive_St_Los_Angeles\Projects\2017 - IS_NOP\Fig A-1 - Regional and Site Location Map - 8x11 - 08-10-17.mxd dkaneshiro 8/11/2017

The South Park community of Downtown Los Angeles is one of nine-districts in the Central City Community Plan area, and is representative of the Downtown Center with its concentration of government-related uses, high- and mid-rise office buildings, residential buildings, hotels, retail uses, museums, and cultural districts. The South Park area includes a mix of residential, medical, commercial, and retail uses; with a substantial concentration of housing located next to and over support services, such as retail and commercial developments, which provide employment opportunities for area residents.

In the more immediate Project vicinity, as depicted on **Figure A-2**, *Aerial Photograph of Project Site and Vicinity*, the Project Site lies within the southeast quadrant of the block that is surrounded by Olive Street on the east, 11th Street on the south, Grand Avenue on the west and Olympic Boulevard on the north.[2] The block is split by a south to north alley at midblock between Olive Avenue and Grand Avenue. The alley serves as the western boundary of the Project Site. Uses within the block that lie adjacent to the Project include a seven-story mixed-use development to the north, seven-story mixed-use development to the northwest, and a two-story commercial building and 25-story mixed-use high-rise building to the west.

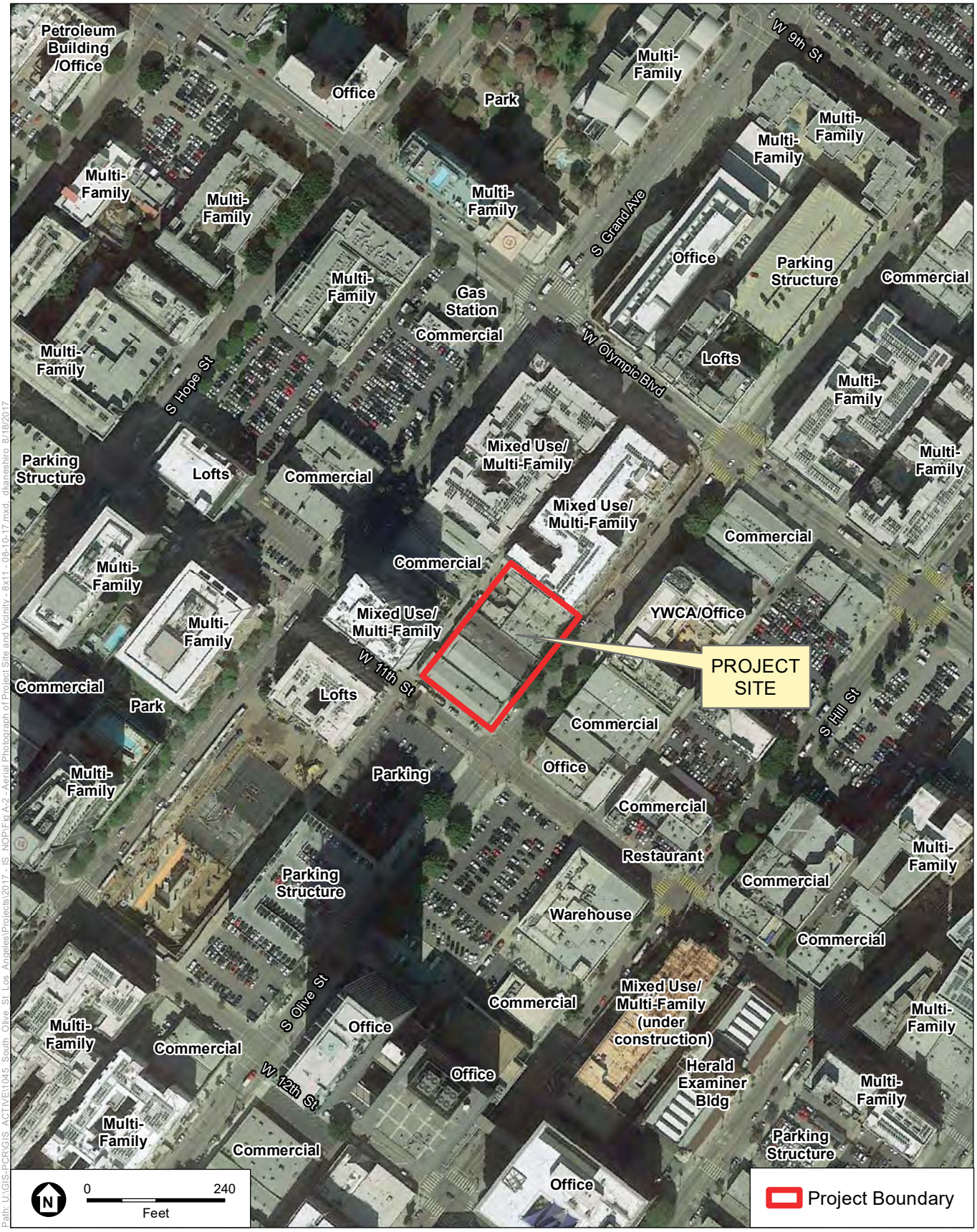
Adjacent development across Olive Street to the east includes single story commercial uses; and across 11th Street to the south includes a surface parking lot. Surrounding development includes a large array of newer mixed use development, and older commercial, office, residential and warehouse uses. Public oriented/school facilities within 1,000 feet of the Project Site include the LA Child Care and Development Council (daycare center), Los Angeles Unified School District Los Angelitos Early Education Center, and Grand/Hope Park (a 2.5-acre park with a large lawn, playground, public art and benches).

The Project Site is also located approximately 0.27 miles east of the Figueroa Street Corridor, the focus of the MyFigueroa Streetscape project that is transforming the Figueroa Corridor into a multimodal street with improved transit, streetscape and landscaping features to better serve the needs of pedestrians, bicyclists, transit riders, and drivers alike. The MyFigueroa project extends eastward from Figueroa Street along 11th Street adjacent to the Project Site, ending at Broadway.

Figueroa Street in the Project vicinity is also the focus of regional activity including LA LIVE, an entertainment, hotel, and residential complex that is a Citywide focus of entertainment activity; the Staples Center Arena, a multipurpose sports arena which is home to the Los Angeles Clippers, Los Angeles Kings, Los Angeles Lakers and Los Angeles Sparks; and the Los Angeles Convention Center, which regularly features conventions, trade shows, and exhibitions.

The Project Site is served by a network of regional transportation facilities that provide access to the greater metropolitan area. It is located approximately 1500 feet from the entrance to the Pico Boulevard Station that provides rail service to the Metro Blue, and Expo Lines; and

[2] Streets in the Downtown area do not align along a true north-south axis. However, the streets are extensions of streets that lie long north-south and east-west axes within the greater City area. Unless otherwise dictated by contexts, the generally understood references of east, west, north and south will be used here.



SOURCE: Google Earth, 2016

1045 Olive Street

Figure A-2
Aerial Photograph of Project Site and Vicinity

approximately 2,700 feet from the 7th Street/Metro Center Station that provides rail service to the Blue, Expo, Red and Purple Lines. It also lies adjacent to multiple bus and shuttle lines in the immediate vicinity; and it is located approximately 0.6 miles north of the Santa Monica Freeway (I-10) and 0.6 miles east of the Harbor Freeway (I-110).

Site Background and Existing Conditions

The Project Site is 41,603 square feet in size, inclusive of 34,673 square feet of ground area that is occupied by five existing commercial buildings (containing 35,651 square feet of area inclusive of mezzanines), 3,424 square feet of paved parking lot area and 3,506 square feet of right of way and alley easement area.[3] Of this area, 4,431 square feet would be dedicated to the City for sidewalks and alleys, leaving a development site of 37,172 square feet of buildable area. The size of the Project Site for calculating FAR pursuant to City regulations for the Transit Area Mixed Use Project extends to the centerline of Olive Street, 11th Street and the alley, inclusive of easements that would be provided in the alley and public right of way; and is approximately 57,829 square feet in size.

The five existing buildings are approximately one-story in height and are reflective of the older single story development in the Downtown area. There are no trees located on the Project Site, however five street trees are located along the street-side edge of Olive Street.

Existing Planning and Zoning

The Project Site is located within the Central City Community Plan Area, City Center Redevelopment Project, Central City and Downtown Parking Districts, Greater Downtown Housing Incentive Area, South Park II Business Improvement District, Central City Revitalization Zone, Los Angeles State Enterprise Zone and is subject to the Downtown Design Guide. The Project Site is designated by the Central City Community Plan as High Density Residential and is zoned [Q]R5-4D-O.

The R5 zoning designation permits the development of high density residential development. The "Q" Condition, pursuant to Ordinance No. 164,307, allows commercial uses to be included along with the residential development provided the floor area for the commercial uses does not exceed a 2:1 FAR. The Height District No. 4 permits a FAR of 13:1. However, the "D" limitation, pursuant to Ordinance No. 164,307, restricts the floor area to a maximum of 6:1 FAR unless additional floor area is permitted through a Transfer of Floor Area (TFAR). The Project is located within a designated Transit Priority Area and as a mixed use project qualifies for the 13:1 FAR pursuant to Section 14.5 of the Los Angeles Municipal Code (LAMC) as a Transit Area Mixed Use Project that allows the proposed FAR to be based on the area contained within the centerlines of Olive Street, 11th Street, and the abutting alley.

As a Transit Priority Area, the Project qualifies for consideration under the Environmental Leadership Act of 2011 (AB 900, as amended by SB 743 (2013) and SB 734 (2016), which is codified in Sections 21178 – 21189.3 of the California Public Resources Code). This act was

[3] The Project Site is comprised of 10 street addresses (1033, 1035, 1039, 1041, 1045, 1047, 1049, 1053, 1055 and 1057 South Olive Street). It also contains six County Assessor Tax Parcels (APNs) that are used for assigning property tax assessment information (APNs: 5139-010-001, -002, -008, -010, -011).

approved to encourage California's economic recovery by providing a streamlined process for judicial review of compliance with CEQA for development projects like the Project that are certified by the Governor as an Environmental Leadership Development Projects (ELDP). The Project is pursuing qualification as an ELDP project. In so doing the Project will need to meet a number of requirements including a demonstration that the Project will achieve LEED Silver certification (or better), maximize transit friendly features (resulting in a minimum 10 percent greater transportation efficiency) and be 'Net-Zero' in carbon/greenhouse gas (GHG) emissions.

C. Project Description

Development Program

The proposed development program for the Project is summarized in **Table A-1**, *Proposed Development Program*. A conceptual site plan showing the arrangement of building components is presented on **Figure A-3**, *Conceptual Site Plan*. A rendering of the Project and its surrounding setting is shown in **Figure A-4**, *Conceptual Project Rendering*. Details of the Project appearance are shown in **Figure A-5,** *Selected Rendering Details*. Elevations of the building as viewed from the Project's two main street frontages are shown on **Figure A-6,** *Conceptual 11th Street and Olive Street Elevations*.

As indicated in **Figure A-3** and **Figure A-5**, the ground level development is oriented around a Plaza located at the corner of Olive Street and 11th Street. The Plaza is a public oriented pedestrian space that extends sidewalks and also provides entries into the adjacent commercial uses. The plaza would include streetscaping (including benches), landscaping and public art display. The adjacent commercial uses extend westward along 11th Street and northward to mid-block Olive Street. Further north along Olive Street would be located the primary entrance to the residential lobby.

The nine level Podium would be primarily composed of structural, above ground parking. However, the Podium would also include ground level commercial area and residential units along the perimeter of the Podium face adjacent to 11th Street and Olive Street on the fifth through ninth levels. At the top of the Podium, the 10th Floor Terrace would include a common open space area for the residential use, with a variety of tenant amenities such as lounge areas and an event deck. The 61-floor tower would rise above the Podium, covering only a portion of the development footprint on the Project Site (36 percent exclusive of balconies and 43 percent including the balconies).

Residential Development

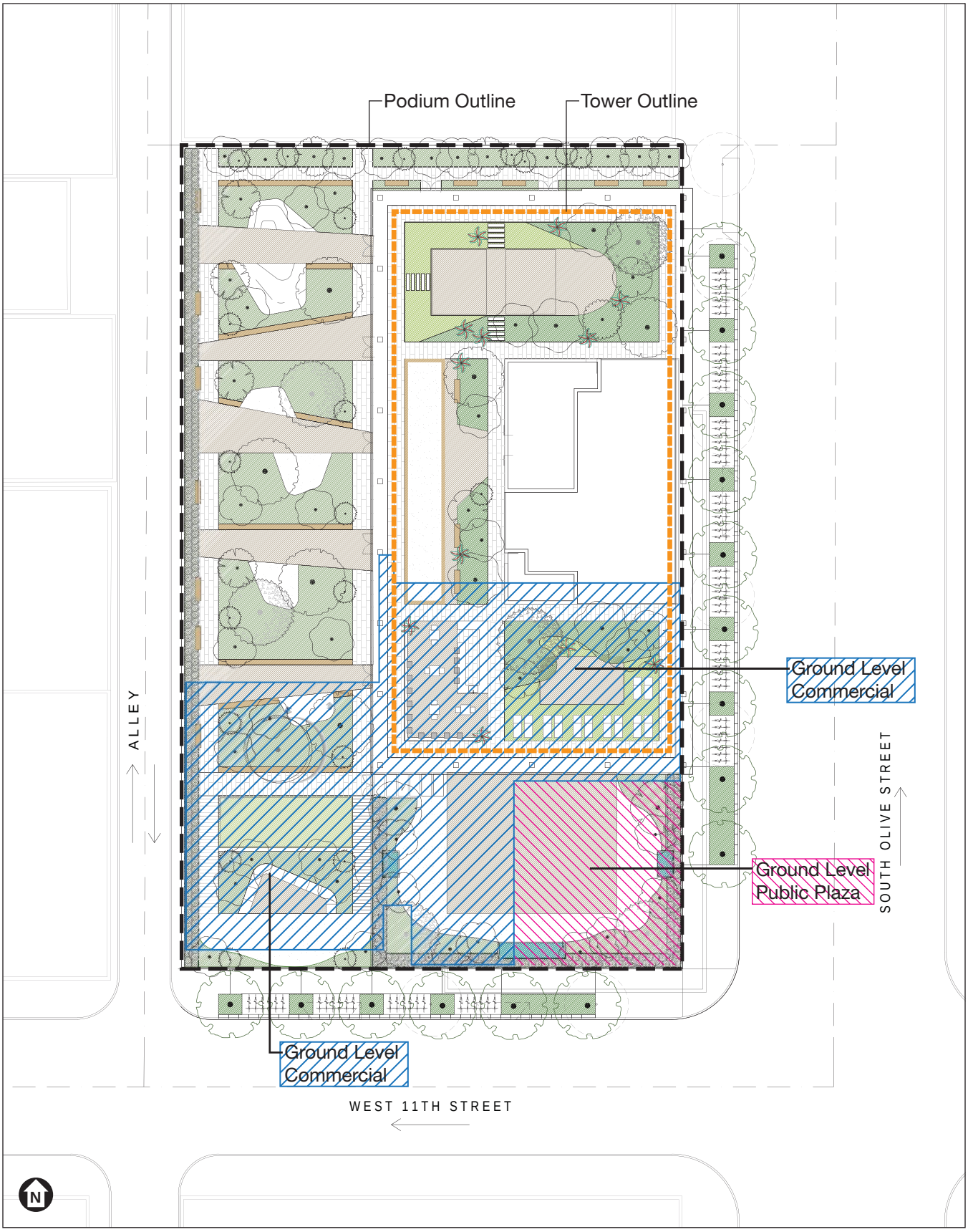
The Project includes up to 794 residential dwelling units. The units would include a range of housing types to serve a broad section of the housing market including: studios, 1- and 2-bedroom units (with and without dens), and 3-bedroom units. The residential units would be mostly located within the residential tower. However, as previously indicated, approximately 40 units would be located along the perimeter of the top five levels of the Podium facing Olive Street and 11th Street. These units would present a residential appearance along the upper Podium levels, providing a visual transition from the lower Podium uses to the residential tower.

TABLE A-1
PROPOSED DEVELOPMENT PROGRAM

Use	Size/Area	
Project Site Area		
Existing Site (pre dedication)	41,603	sf
Site Area (post-dedication)	37,172	sf
Gross Buildable Area (to street centerline per Transit Area Mixed Use Criterion)	57,829	sf
Number of Floors	**70 Above Ground Level Floors**	
	61 Tower Floors	
	9 Podium Levels	
	6 Subterranean Parking Levels	
Building Height	810 feet	feet
Development Program		
Residential Development		
Units	794	units
Floor Area	739,273	sf
Commercial Development – floor area	12,504	sf
Floor Area for Calculation of FAR[a]	751,777	sf
Floor Area Ratio (FAR)	13:1	
Gross Building Area	**1,343,338**	**sf**
Parking Component	426,458	sf
Other Non-Parking Area	916,880 sf	
Open Space and Recreational Amenities		
Publicly-Accessible Plaza Area[b]	2,728	sf
Common Open Space (Exterior) for Project Residents	37,927	sf
Common Open Space (Interior Activities) for Project Residents	23,025	sf
Private Balcony Space for Project Residents	39,700	sf
Total Open Space and Recreational Amenities[b]	**103,380**	**sf**
Vehicle Parking		
Residential	878	spaces
Commercial	13	spaces
Total Vehicle Parking	**891**	**spaces**
Bicycle Parking		
Residential	873	spaces
Commercial	12	spaces
Total Bicycle Parking	**886**	**spaces**

[a] Calculations of FAR do not include certain uses such as parking and some non-useable spaces such as mechanical rooms or stairways.
[b] The 2,728 sf of publicly accessible plaza area is not credited against the LAMC open space requirements. For purposes of analysis of LAMC open space requirements the total amount of open space would be 100,652 sf.

Source: 1045 Olive, LLC 2017



SOURCE: ODA New York, 2017; ESA, 2017

1045 Olive Street

Figure A-3
Conceptual Site Plan

CPCRH05.EPS

SOURCE: ODA New York, 2017

1045 Olive Street

Figure A-4
Conceptual Project Rendering

Plaza and Commercial at 11th Street and Olive Street

Commercial and Residential Entry on Olive Street

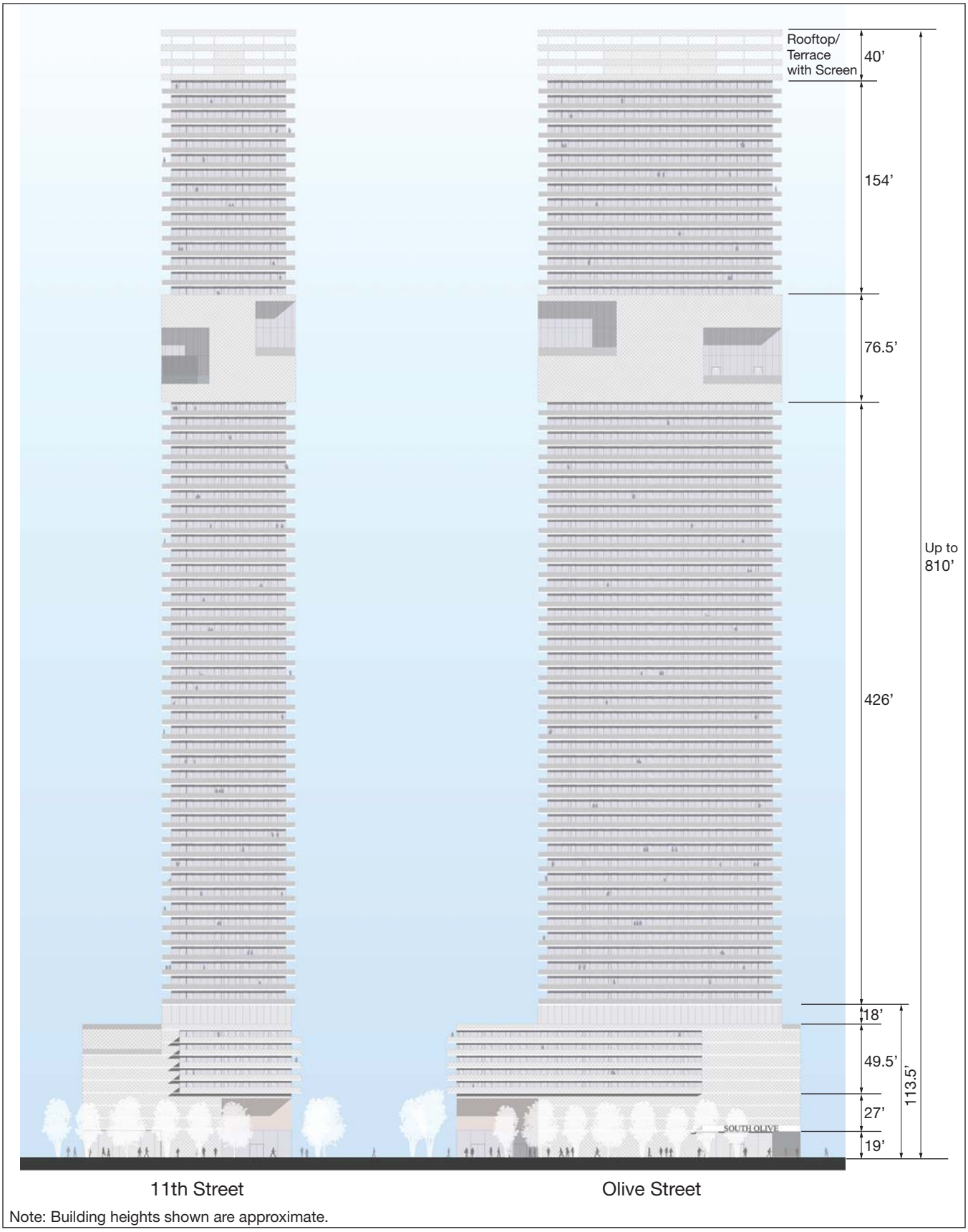
Nighttime - Residential Amenity Floors

CPCRH05.EP

SOURCE: ODA New York, 2017

1045 Olive Street

Figure A-5
Selected Rendering Details



CPCRH05.EPS

Note: Building heights shown are approximate.

SOURCE: ODA New York, 2017

1045 Olive Street

Figure A-6
Conceptual 11th Street and Olive Street Elevations

Commercial Uses

The Project's 12,504 square feet of commercial space would be located on the ground level. Access to the individual commercial units would be from 11th Street, Olive Street and the Plaza area. The commercial uses would meet needs of neighborhood residents. The specific uses may vary; however it is expected that a substantial amount of the commercial area would be devoted to restaurant uses.[4]

Proposed Land Use and Zoning

The Project is consistent with existing Community Plan and Zoning designations. That is, the Project Site land use and zoning designation would remain High Density Residential and [Q]R5-4D-O. As allowed under the Project Site's land use and zoning designations, the Project would implement the option of applying for a Transfer of Floor Area Rights (TFAR) for a Transit Area Mixed Use Project pursuant to LAMC Section 14.5.6. The transferred development density would be from the Los Angeles Convention Center (Donor Site) at 1201 S. Figueroa Street, a City-owned property. The Project, as a receiver site, would include approximately 404,803 square feet of transferred floor area that would be added to the 346,974 square feet of Transit Area Mixed Use Base Permitted floor area (6:1 FAR). The total floor area of 751,777 square feet would result in a Transit Area Mixed Use Project FAR of 13:1.

Design and Architecture

As shown in **Figures A-4 to A-6**, the Project would appear as an integrated single structure with articulation and variation created by the massing of individual components. Parking spaces within the Podium, ground level commercial uses and residential units located within the Podium and the tower have been integrated into the overall architectural theme of the Project to create a sculpted appearance, particularly as seen from the nearby neighborhood. Overall variation in building appearance is created with the use of various materials and massing of the ground level uses, the placement of residential units along the perimeter of the Podium, the landscaped 10th Floor Terrace, and the transition of the horizontal Podium to the vertical residential tower.

A large Plaza is carved out of the building massing at the corner of 11th Street and Olive Street. The Plaza creates an extension of the sidewalk and the public realm; and with its open space relief, where landscaping and public art could serve as a visual focus for pedestrians. The Plaza is intended to serve as a flexible space to encourage community activities such as gatherings and art displays.

Ground level commercial uses extend the length of 11th Street continuing along the rear of the Plaza. The 11th Street frontage is recessed slightly to contribute to the sculpted ground level appearance of the structure and to provide outdoor seating along the sidewalk. The pedestrian oriented commercial uses would have large windows to activate the adjacent streets.

[4] Calculations included the analysis of environmental impacts for this Project conservatively assumes that all of the commercial space would be used for restaurant uses. This provides for conservative analyses as restaurant uses generate greater impacts than retail uses. For example, restaurant uses generate greater levels of traffic and greater consumption of resources such as water consumption.

The residential lobby is located on Olive Street north of the commercial uses. This frontage demarks and defines the Project's residential function. As such, the appearance of this building component ties into the changing character of Downtown as an integrated live, work, play community. The parking components of the Podium would be covered with mesh screening. The residential units at the Podium level offer a variation in the building appearance that is defined by the horizontal lines of the residential balconies. These balconies offer visual transition from the vertical lines of the rising tower.

The tower provides a strong narrow vertical addition to the Downtown skyline. The appearance of the tower is distinguished by its varied development profile on the 53rd to 55th floors, which includes additional cutouts in the building massing, providing a combination of indoor and outdoor amenity spaces for Project residents. The outdoor amenity areas provide views through the buildings and provide a unique visual element within the Downtown skyline. The rooftop includes the meshed Tower Rooftop Terrace which provides varied materials and defines the top of the building.

Open Space, Landscaping, and Public Art

The Project would provide 100,652 square feet of open space and would include a number of amenities for residents and visitors. The ground level public plaza area, with an additional 2,728 square feet of open space, would expand the pedestrian walkway, provide a seating area and a visual amenity. The top of the Podium 10th Floor Terrace would contain residential amenities such as lounge areas and event areas; levels 53-55 would contain mid-tower amenity spaces with such facilities as a pool and fitness center; and the Tower Roof Terrace would include active and passive open space amenities.

The Project would enhance the streetscape and walkability by providing a 17-foot sidewalk along Olive Street and a 15-foot sidewalk along 11th street (including the existing 12-foot sidewalk and an additional three-foot sidewalk easement). The sidewalk widths would be consistent with the Mobility Plan 2035 and Downtown Street Standards. The sidewalks would be enhanced with new street trees, parkway landscaping and bicycle parking

The Project would provide on and off-site landscaping consistent with Downtown Design Guidelines and the requirements of the Bureau of Engineering, Urban Forest Division. The proposed landscaping programs would include such features as climbing ivy in the plaza area and the addition of more than 500 new plantings to the Project Site. Of these, approximately 130 of the new plants would be canopy trees. Remaining planting would include native shrubs and perennials mixed with native ground cover. New landscaping would be provided along the street edges and throughout all of the Project's open space areas.

Access and Circulation, Parking, and Bicycle Amenities

Vehicle access (ingress/egress) would be provided from one entrance along Olive Street, near the northern property line and two entrances on the alley. An on-site loading and move-in/out service area would also be accessed from the alley near the center of the property.

Vehicle parking would be provided consistent with the Central City Parking Exception and Downtown Business District parking requirements and is proposed to be located within 6 subterranean levels and 8 levels above grade. The Project would provide up to 891 parking spaces, with approximately 878 spaces dedicated to residential parking and 13 spaces provided for commercial uses. Residential parking would be provided at a ratio of approximately 1.10 spaces per dwelling unit. Bicycle parking would also be provided consistent with the requirements of the LAMC, with approximately 800 long-term spaces provided within the parking garage. An additional maximum of 86 short-term bicycle parking spaces would be provided consistent with LAMC Section 12.21-A.16, with short-term bicycle parking located along the streets.

Lighting and Signage

Project Site signage would include building identification, wayfinding, and security markings. Commercial and residential signage would be similar to other signage in the Project vicinity and no off-site signage is proposed.

The Project's exterior lighting would be consistent with Section 8, Architectural Detail, of the Downtown Design Guidelines. Exterior lighting would be shielded to reduce glare and eliminate light being cast into the night sky. Security lighting would be integrated into the overall architectural and landscape themes for the Project.

The Project would also comply with LAMC lighting regulations that include approval of street lighting plans by the Bureau of Street Lighting; limited light intensity from signage to no more than three foot-candles above ambient lighting; and limited exterior lighting to no more than two foot-candles of lighting intensity or direct glare onto specified sensitive uses.

Site Security

The Project would provide an extensive security program, 24 hours per day/seven days per week, to ensure the safety of its residents, commercial operations and Site visitors. Security features to assist in crime prevention efforts and to reduce the demand for police protection services would include secured building access/design to residential areas (electronic keys specific to each user); lighting of building entryways and plaza areas; staff training in safety and sound security policies; 24-hour video surveillance; and trained 24-hour security personnel. Security personnel duties would include but not be limited to assisting residents and visitors with Site access; monitoring entrances and exits of buildings; managing and monitoring fire/life/safety systems; and patrolling the property.

Sustainability Features

The Project will pursue qualification as an ELDP Project as certified from the Governor's Office of Planning and Resources. In so doing the Project would achieve LEED Silver certification (or better), maximize transit friendly features, and be 'Net-Zero' in carbon/GHG emissions. The Project would also comply with the City of Los Angeles Green Building Code, which builds upon and sets higher standards than those incorporated in the 2010 California Green Building Standards Code (CALGreen).

Specific design features would be incorporated into the Project to enhance energy efficiency and sustainability. Wraparound cantilevered balconies on every residential level have been designed to provide shade and minimize solar gain throughout the building. Further considerations regarding energy efficiency and sustainability include native plants and drip/subsurface irrigation systems, individual metering or sub metering for water use, leak detection systems, rainwater harvesting and provisions for electric vehicle charging (wiring for 5 percent of all parking spaces and pre-wiring for 20 percent of all parking spaces).

The Project's infill location would promote the concentration of development in an urban location with extensive infrastructure and access to public transit facilities. The Project's proximity to public transportation would reduce vehicle miles traveled for residents and visitors. The Project would also promote bicycle transportation by providing up to 886 bicycle parking spaces.

CEQA Guidelines Appendix F

In accordance with CEQA Guidelines Appendix F, the EIR will provide further information as to energy conservation, energy implications, and the energy-consuming equipment and processes that would be used during Project construction and operation. Design features of the Project, energy supplies that would serve the Project, and total estimated daily vehicle trips that would be generated by the Project will also be analyzed. In addition, while development of the Project would not be anticipated to cause the wasteful, inefficient, and unnecessary consumption of energy and would be consistent with the intent of Appendix F of the CEQA Guidelines, further analysis of the Project's consistency with Appendix F will also be provided in the EIR.

Anticipated Construction Schedule

Project construction would take place in a single phase anticipated to begin in 2019 with Project buildout projected for 2023. To provide for the new development, approximately 80,520 cubic yards of soil would be excavated, all of which is expected to be exported off site.

D. Requested Permits and Approvals

Discretionary entitlements, reviews, and approvals required for implementation of the Project would include, but not necessarily be limited to, the following:

- Approval of a **Transfer of Floor Area Rights** (TFAR) for a Transit Area Mixed-Use Project, from the Los Angeles Convention Center (Donor Site) at 1201 S. Figueroa Street, a City-owned property, to the Project Site (Receiver Site) for the approximate amount of 404,803 square feet of floor area, pursuant to LAMC Section 14.5.6;
- Approval of **Master Conditional Use Permit** (MCUP) for the sale and dispensing of a full-line of alcoholic beverages for on-site consumption within up to ten establishments, pursuant to LAMC Section 12.24-W.1;
- **Site Plan Review** for a project that would result in an increase of 50 or more dwelling units, pursuant to LAMC Section 16.05;
- **Approval/Clearance from CRA/LA** for conformance with the City Center Redevelopment Plan;

- Provision of a **Zoning Administrator Interpretation (ZAI)** pursuant to LAMC Section 12.21-A.2 as follows:
  - An interpretation that all parts of the Project's wrap-around balconies, including corner areas, do not fit the definition of Floor Area under LAMC Section 12.03, even if some or all of such areas do not count toward meeting the Project's open space requirement and
  - An interpretation of the LAMC to clarify that the covered exterior open space provided within the Project's open space building cutout features are not considered Floor Area and meet the LAMC definition of "Common Open Space". If the building cutout areas are not counted as Common Open Space, there be an interpretation that these spaces qualify as "Recreation Rooms" under LAMC Section 12.21-G.2(a)(4)(i), to allow the areas to be counted towards interior Common Open Space;
- Permission to provide residential parking consistent with LAMC Section 12.21-A.4(p) at a ratio of approximately 1.1 parking space per residential dwelling unit in consideration of its proximity to jobs, services, and public transit, in lieu of the 2.25 parking spaces per residential condominium unit provided by Advisory Agency policy memo AA-2000-1;
- Approval of **Vesting Tentative Tract Map 74531**, for the merger and resubdivision of the Project Site to create one master ground lot, 17 airspace lots, 794 residential condominium units and up to 12,504 square feet of commercial space, pursuant to LAMC Section 17.01 and Section 17.15;
- Approval of a haul route in conjunction with the Vesting Tentative Tract Map approval; and
- Other administrative approvals and permits as deemed necessary by the City to implement the Project including but not limited to the following: demolition, excavation, shoring, grading, foundation, building, street tree removal, and tenant improvements.

ATTACHMENT B

Explanation of Checklist Determinations

ATTACHMENT B
Explanation of Checklist Determinations

I. AESTHETICS

Senate Bill (SB) 743 [Public Resources Code (PRC) §21099(d)] sets forth new guidelines for evaluating project transportation impacts under CEQA, as follows: "Aesthetic and parking impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area (TPA) shall not be considered significant impacts on the environment." PRC Section 21099 defines a "transit priority area" as an area within 0.5 mile of a major transit stop that is "existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations." PRC Section 21064.3 defines "major transit stop" as "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods." PRC Section 21099 defines an "employment center project" as "a project located on property zoned for commercial uses with a floor area ratio of no less than 0.75 and that is located within a transit priority area. PRC Section 21099 defines an "infill site" as a lot located within an urban area that has been previously developed, or on a vacant site where at least 75 percent of the perimeter of the site adjoins, or is separated only by an improved public right-of-way from, parcels that are developed with qualified urban uses.

This state law supersedes the aesthetic impact thresholds in the 2006 L.A. CEQA Thresholds Guide, including those established for aesthetics, obstruction of views, shading, and nighttime illumination. Zoning Information File (ZI) No. 2452 issued by the City of Los Angeles Department of City Planning, as well as the Department of City Planning, Great Streets Initiative Program Interactive Map shows that the Project Site is located in a Transit Priority Area (TPA).[1,2] Therefore, all aesthetic impacts, including "visual resources, aesthetic character, shade and shadow, light and glare, and scenic vistas or any other aesthetic impact as defined in the City's CEQA Threshold Guide shall not be considered an impact for infill projects within TPAs pursuant to CEQA.

PRC Section 21099 applies to the Project. Therefore, the Project is exempt from aesthetic impacts. The analysis in this initial study (or in the EIR, if any aesthetic impact discussion is included), is for **informational purposes only** and not for determining whether the Project will result in

1 Los Angeles Department of City Planning, Great Streets Program Interactive Map, Transit Priority Area Layer, https://ladcp.maps.arcgis.com/apps/webappviewer/index.html?id=02d509dfe1ea458da1157b516249f4d9. Accessed May, 17, 2017.

2 City of Los Angeles, ZI 2452, "Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking Within TPAs Pursuant to CEQA," http://zimas.lacity.org/documents/zoneinfo/ZI2452.pdf. Accessed May, 17, 2017.

significant impacts to the environment. Any aesthetic impact analysis in this initial study (or the EIR) is included to discuss what aesthetic impacts would occur from the Project if PRC Section 21099(d) was not in effect. As such, nothing in the aesthetic impact discussion in this initial study (or the EIR) shall trigger the need for any CEQA findings, CEQA analysis, or CEQA mitigation measures.

Would the project:

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

No Impact. The Project Site is located within the highly urbanized Downtown area and South Park community of Los Angeles, and within the vicinity of multiple mid-rise mixed use projects, and high rise residential and office buildings. The Project Site is located within relatively close proximity (4.5 blocks) of the Los Angeles Sports and Entertainment District (LASED) along the Figueroa Corridor, an active regional entertainment and mixed-use district. The high-rise skyline and urban corridors of Downtown Los Angeles provide a general point of interest in the scenic character for views of the Los Angeles basin. The Project would replace the existing one-story commercial buildings and surface parking at the Project Site with an up to 61-story residential tower atop a nine-story podium structure. The combined building with up to 70 stories would rise to a height of approximately 810 feet above grade, contributing to the Downtown Los Angeles urban skyline. The Project would alter the visual conditions on the Project Site, and views of the Downtown area scenic vistas.

Pursuant to SB 743 and ZI 2452, the Project would result in no impact to scenic vistas.

Notwithstanding the above and the exemption of the Project from aesthetic impacts under SB 743, the EIR will include a discussion of the Project's impacts under the City thresholds for informational purposes only. The impact conclusion for aesthetics is no impact.

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

No Impact. The Project Site does not contain scenic resources such as trees or rock outcroppings (other than five existing trees located in the adjacent street rights-of-way (ROWs), and is not located along a designated City- or State-designated scenic highway or associated view corridor.[3]

Pursuant to SB 743 and ZI 2452, the Project would result in no impact to scenic resources within a state or local scenic corridor

Notwithstanding the above and the exemption of the Project from aesthetic impacts under SB 743, the EIR will include a discussion of the Project's impacts under the City thresholds for informational purposes only. The impact conclusion for aesthetics is no impact.

[3] *Los Angeles Department of City Planning, Mobility Plan2035, an Element of the General Plan.*

c) Substantially degrade the existing visual character or quality of the site and its surroundings?

No Impact. The Project would replace the existing one-story commercial buildings and surface parking at the Project Site with a nine-story podium structure and up to 61 story tower, for a combined development of up to 70 stories, rising to a height of approximately 810 feet above grade. The Project would alter the visual character of the Project Site and its surroundings by increasing the height and density of on-site development.

Pursuant to SB 743 and ZI 2452, the Project would result in no impact to the visual character of the Project Site and its surroundings.

Notwithstanding the above and the exemption of the Project from aesthetic impacts under SB 743, the EIR will include a discussion of the Project's impacts under the City thresholds for informational purposes only. The impact conclusion for aesthetics is no impact.

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

No Impact. The Project Site lies within the highly urbanized Downtown area and South Park community of Los Angeles. It is completely surrounded by existing development, and is located within the general vicinity (4.5 blocks) of the Los Angeles Sports and Entertainment District Specific Plan (LASED), an active regional entertainment and mixed-use district. At night, the surrounding development generates moderate to high levels of interior and exterior lighting related to interior activity and exterior security, parking, architectural and landscaping/decorative lighting. Static and animated illuminated signage, street lights, and traffic on local streets also contribute to the ambient light levels in the area.

The Project would contribute to ambient nighttime illumination as the Project's new lighting would increase light levels over existing conditions. Some lighting elements would be visible from nearby off-site vantages.

Shading impacts are influenced by the height and bulk of a structure, the time of year, the duration of shading during the day, and the proximity of shade-sensitive land uses, or receptors. The Project vicinity is characterized by a number of existing shade-sensitive receptors (e.g., residential and associated outdoor activity area). As the Project would increase the height and massing of on-site development, some shading could occur on sensitive receptors.

Pursuant to SB 743 and ZI 2452, the Project would result in no impact to light and glare conditions.

Notwithstanding the above and the exemption of the Project from aesthetic impacts under SB 743, the EIR will include a discussion of the Project's impacts under the City thresholds for informational purposes only. The impact conclusion for aesthetics is no impact.

II. AGRICULTURE AND FORESTRY RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.

Would the project:

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

No Impact. The Project Site, which is located in the Downtown area and South Park community of the City, has been developed with the existing on-site commercial buildings from over 65 to more than 100 years. No agricultural uses or related operations are present within the Project Site or in the surrounding highly urbanized area. Furthermore, the Project Site is not located on designated Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program.[4] Since the Project would not convert farmland to non-agricultural uses, there would be no impact. No further analysis of this topic in an EIR is required and no mitigation measures are required.

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

No Impact. The Project Site is zoned [Q]R5-4D-O (High Density Residential) and is currently occupied by commercial buildings and associated surface parking. The Project Site is not zoned for agricultural use or subject to a Williamson Act contract, nor are other parcels in the vicinity.[5] As such, the Project would not conflict with existing zoning for agricultural uses or a Williamson Act contract, and there would be no impact. No further analysis of this topic in and EIR is required, and no mitigation measures are required.

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4 *California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program Los Angeles County Important Farmland 2012. Available at: ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2012/los12.pdf Accessed January 15, 2017. Also, City of Los Angeles Department of City Planning, Zoning Information and Mapping Access System (ZIMAS), Parcel Profile Report: 1045 S. Olive Street. Generated January 3, 2017.*

5 *Ibid.*

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

No Impact. As discussed in the response to Checklist Question II.b, the Project Site is zoned [Q]R5-4D-0 (High Density Residential). The Project Site is currently occupied by commercial buildings and associated surface parking. Furthermore, consistent with the urbanized area surrounding the Project Site, the larger Project vicinity is zoned for commercial and residential uses. No forest land or land zoned for timberland production is present on the Project Site or in the surrounding area. As such, the Project would not conflict with existing zoning for forest land or timberland, and there would be no impact. No further analysis of this topic in an EIR is necessary, and no mitigation measures are required.

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

No Impact. The Project Site is currently developed, and no forest land exists in the Project vicinity. As such, the Project would not result in the loss of forest land or conversion of forest land to non-forest use, and there would be no impact. No further analysis of this topic is required and no mitigation measures are required.

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

No Impact. There are no agricultural uses or related operations on or near the Project Site, which is located in the highly urbanized Downtown area and South Park community of the City of Los Angeles. Therefore, the Project would not involve the conversion of farmland to other uses, either directly or indirectly. No impacts to agricultural land or uses would occur. No further analysis of this topic in the EIR is necessary and no mitigation measures are required.

III. AIR QUALITY

Where available, the significance criteria established by the South Coast Air Quality Management District (SCAQMD) may be relied upon to make the following determinations.

Would the project:

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

Potentially Significant Impact. The Project Site is located within the 6,600-square-mile South Coast Air Basin (Basin). The South Coast Air Quality Management District (SCAQMD) together with the Southern California Association of Governments (SCAG) is responsible for formulating and implementing air pollution control strategies throughout the Basin. The current Air Quality Management Plan (AQMP) was adopted March 3, 2017 and outlines the air pollution control measures needed to meet Federal particulate matter ($PM_{2.5}$) and ozone (O_3) standards. The AQMP also proposes policies and measures currently contemplated by responsible agencies to achieve

Federal standards for healthful air quality in the Basin that are under SCAQMD jurisdiction. In addition, the current AQMP addresses several Federal planning requirements and incorporates updated emissions inventories, ambient measurements, meteorological data, and air quality modeling tools from earlier AQMPs.

The Project would support and be consistent with several key policy directives set forth in the AQMP. For example, the Project would provide for new residential and commercial uses in proximity to commercial and entertainment activities as well as a range of employment opportunities, locate new development in proximity to existing public transit facilities including numerous bus stops and light rail lines. The Project would redevelop a Project Site already served by existing roadway/transit and utility infrastructure. Notwithstanding these attributes, the Project has the potential to increase the amount of operational air emissions that could affect implementation of the AQMP due to increased traffic and energy consumption including potential increases in the amounts of gas and electricity needed to support the Project. Pollutant emissions resulting from construction of the Project would also have the potential to affect implementation of the AQMP. Therefore, it is recommended that an EIR provide further analysis of potential impacts to implementation of the AQMP.

b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Potentially Significant Impact. The Project Site is located within the Basin, which is characterized by relatively poor air quality. According to the 2016 AQMP, the Air Basin is designated non-attainment for federal and State ozone standards, as well as the current $PM_{2.5}$ standards. The Los Angeles County portion of the Basin is also designated a nonattainment area for the federal lead standard on the basis of source-specific monitoring at two locations, as determined by U.S. EPA using 2007–2009 data. However, all other stations in the Basin, including the near-source monitoring in Los Angeles County, have remained below the lead NAAQS for the 2012 through 2015 period. SCAQMD is therefore requesting that U.S. EPA re-designate the Los Angeles County portion of the Basin as attainment for lead. The Project would result in increased air emissions associated with construction and operations due to increased traffic and energy consumption including potential increases in the amounts of gas and electricity needed to support the Project. Therefore, it is recommended that an EIR provide further analysis of potential impacts associated with the Project's construction and operational air pollutant emissions, with the Air Quality analysis accounting for the most recent regulatory changes.

c) Result in a cumulatively considerable net increase of any criteria pollutant for which the air basin is non-attainment (ozone, PM10, and PM2.5) under an applicable federal or state ambient air quality standard?

Potentially Significant Impact. As discussed in the response to Checklist Question III.b, the Project would result in increased air emissions from construction and operational traffic in the Basin, within an air quality management area currently in non-attainment of Federal and State air quality standards for O_3, PM_{10}, and $PM_{2.5}$. As such, implementation of the Project could potentially contribute to cumulatively significant air quality impacts, in combination with other existing and

future emission sources in the Project area. Therefore, it is recommended that the an EIR provide further analysis of potential cumulative impacts associated with an increase in criteria pollutants.

d) Expose sensitive receptors to substantial pollutant concentrations?

Potentially Significant Impact. The Project Site is located in the Downtown area of Los Angeles, which includes a high density, concentrated mix of uses, including residential and other sensitive uses, in the Project vicinity. Construction activities and operation of the Project could increase air emissions above current levels. Therefore, it is recommended that an EIR provide further analysis of potential impacts associated with the exposure of sensitive receptors to substantial pollutant concentrations.

e) Create objectionable odors affecting a substantial number of people?

Less Than Significant Impact. Odors are typically associated with industrial projects involving the use of chemicals, solvents, petroleum products, and other strong-smelling elements used in manufacturing processes. Odors are also associated with such uses as sewage treatment facilities and landfills. The Project would develop a mixed-use development, including residential and commercial uses, and would not introduce any major odor-producing uses that would have the potential to affect a substantial number of people. Odors associated with Project operation would be limited to those associated with on-site waste generation and disposal (e.g., trash cans, dumpsters) and occasional minor odors generated during food preparation activities. Thus, Project operation is not expected to create objectionable odors. Activities and materials associated with construction would be typical of construction projects of similar type and size. On-site trash receptacles would be covered and properly maintained in a manner that promotes odor control. Any odors that may be generated during construction of the Project would be localized and would not be sufficient to affect a substantial number of people or result in a nuisance as defined by South Coast Air Quality Management District (SCAQMD) Rule 402. Impacts with regard to odors would be less than significant. No further analysis of this topic is required and no mitigation measures are required.

IV. BIOLOGICAL RESOURCES

Would the project:

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

Less Than Significant Impact. The Project Site is located in the highly urbanized Downtown area and South Park area of the City, and is fully developed with commercial buildings and associated surface parking. The Project Site does not contain existing landscaping or trees. Furthermore, because of the urbanized nature of the Project Site and Project vicinity, the Project Site does not support habitat for candidate, sensitive, or special status species. Therefore, impacts to candidate,

sensitive, or special status species would be less than significant. No further analysis of this topic in an EIR is necessary, and no mitigation measures are required.

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

No Impact. As discussed in the response to Checklist Question IV.a, the Project Site is located in the highly urbanized Downtown area and South Park area of the City, and is fully developed with commercial buildings and associated surface parking. The Project Site does not contain any riparian habitat or other sensitive natural communities as indicated in the City or regional plans or in regulations by the California Department of Fish and Wildlife or US Fish and Wildlife Service. Furthermore, the Project Site is not located in or adjacent to a Significant Ecological Area as defined by the City of Los Angeles.[6] Therefore, the Project would not have an adverse effect on any riparian habitat or other sensitive natural community. No further analysis of this topic is necessary in an EIR and no mitigation measures are required.

c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. As discussed in response to Checklist Question IV.a, the Project Site is located in the highly urbanized Downtown area and South Park area of the City, and is fully developed with commercial buildings and associated surface parking. The Project Site does not contain wetlands as defined by Section 404 of the Clean Water Act. Therefore, the Project would not have an adverse effect on federally protected wetlands. No further analysis of this topic in an EIR is required and no mitigation measures are required.

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

Less Than Significant with Mitigation. As stated in response to Checklist Question IV.a, the Project Site is located in the highly urbanized Downtown area and South Park area of the City, and is fully developed with commercial buildings and associated surface parking. Due to the highly urbanized nature of the Project Site and surrounding area, the lack of on-site trees and other landscaping, and the lack of a major water body, the Project Site does not contain substantial habitat for native resident or migratory species, or native wildlife nursery sites. As further discussed in Checklist Question IV.e below, there are five street trees adjacent to the Project Site that would be replaced during implementation of the Project. Therefore, the Project would not interfere 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.

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6 *City of Los Angeles, Department of City Planning, Los Angeles Citywide General Plan Framework, Final Environmental Impact Report, SCH #94701030, Figure BR-1B, Biological Resource Areas (Metro Geographical Area), January 19, 1995. Available at: http://cityplanning.lacity.org/HousingInitiatives/HousingElement/FrameworkEIR/GPF_DraftEIR/GPF_FEIR_DEIR2.18.pdf.*

However, the potential exists for protected bird species to be nesting in the street trees during Project construction. In order to avoid disturbance of nesting birds a mitigation measure shall be implemented to reduce impacts to nesting birds to a less than significant level. With the implementation of Mitigation Measure BIO-MM-1, impacts to sensitive plant and animal species would be less than significant and no further analysis of this topic in an EIR is required. The Mitigation Measure must be incorporated into the Mitigation Reporting Program that will be a component of the Final EIR for the Project.

Mitigation Measure

MM-BIO-1: Prior to issuance of a grading permit, the Project Applicant shall demonstrate that the following requirements have been included in the Project construction plan:

1. Any construction activities that occur during the nesting season (February 15 to August 31) shall require that all suitable habitat (i.e., street trees and shrubs) be surveyed for the presence of nesting birds by a qualified biologist, retained by the Applicant as approved by the City of Los Angeles Building and Safety, before commencement of clearing and prior to grading permit issuance. The survey shall be conducted within 72 hours prior to the start of construction. A copy of the pre-construction survey shall be submitted to the City of Los Angeles Building and Safety.

2. If the required pre-construction survey detects any active nests, an appropriate buffer as determined by the biological monitor, shall be delineated, flagged, and avoided to the extent feasible until the qualified biological monitor has verified that the young have fledged or the nest has otherwise become inactive.

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

Less than Significant. As stated in the response to Checklist Question IV.a, the Project Site is located in the highly urbanized Downtown area and South Park area of the City, and is fully developed with commercial buildings and associated surface parking. The Project Site does not contain existing landscaping or trees. However, four Indian Laurel fig (*Ficus microcarpa*) trees of approximately 40 feet in height and ranging in diameters at breast height (DBH) from 16- to 20-inches, and one pink trumpet tree (*Tabebuia impetiginosa*) of approximately 10 feet in height and 1-inch DBH, occur within the adjacent Olive Street ROW.[7] These five trees would be replaced under the auspices of a tree planting permit issued by the Urban Forestry Division (UFD) of the Los Angeles Bureau of Street Services, subject to review regarding the species, size and planting locations. The Project would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation polity or ordinance. No further analysis of this topic in an EIR is required.

[7] *Evergreen Arborist Consultants, Inc., Protected Tree Report for 1045 S. Olive Street, December 5, 2016. Included as Appendix A of this Initial Study.*

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

No Impact. As discussed in the response to Checklist Question IV, the Project Site is located within a developed, urbanized area and does not provide habitat for any sensitive biological resources. The Project Site is not located within a habitat conservation plan, natural community conservation plan, or other approved local, regional, or State habitat conservation plan.[8] Therefore, the Project would not conflict with the provisions of any adopted conservation plan, and no impact would occur. No further analysis of this topic is required in an EIR and no mitigation measures are required.

V. CULTURAL RESOURCES

Would the project:

a) Cause a substantial adverse change in the significance of a historical resource as defined in State CEQA Guidelines §15064.5?

Potentially Significant Impact. The five existing on-site building range from 69 to 104 years old, and thus all meet the 45-year age guideline of the California Register of Historical Resources (California Register) to be evaluated for their potential as historical resource. There are also several buildings within the Project vicinity that represent historic resources, including but not necessarily limited to the Petroleum Building on West Olympic Boulevard, approximately three blocks west of the Project Site, and the Herald Examiner Building on Broadway, approximately two blocks east of the Project Site. As the Project would result in the demolition of the existing on-site buildings and would potentially affect the general setting of off-site historic resources in the area, it is recommended that the potential for direct and indirect impacts to historical resources be analyzed further in an EIR.

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

Potentially Significant Impact. Section 15064.5(a)(3)(D) of the State CEQA Guidelines generally defines archaeological resources as any resource that "has yielded, or may be likely to yield, information important in prehistory or history." Archaeological resources are features, such as tools, utensils, carvings, fabric, building foundations, etc., that document evidence of past human endeavors and that may be historically or culturally important to a significant earlier community. The Project Site has been previously graded and developed. Thus, surficial archaeological resources that may have existed at one time have been previously disturbed. Furthermore, the Project Site is not known to have yielded previous archaeological resources in the past.[9] Nonetheless, Project construction would require grading and excavation activities for building

[8] *California Department of Fish and Wildlife, Habitat Conservation Planning, Natural Community Conservation Planning, Summary of Natural Community Conservation Plans (NCCPs), August 2015. Available at: https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=15329&inline. Accessed January 15, 2017.*

[9] *Los Angeles Citywide General Plan Framework Draft EIR, Figure CR-1, Archaeological Resources, January 1995.*

foundations and subterranean parking that could have the potential to disturb existing but undiscovered archaeological resources. Therefore, it is recommended that this topic be analyzed further in an EIR to determine the potential for, and significance of, any impacts on archaeological resources.

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

Potentially Significant Impact. The Project Site has been previously graded and developed. Furthermore, the Project Site does not contain any unique geologic features and is not known to have yielded previous vertebrate paleontological resources in the past.[10] However, the Project would require grading and excavation for building foundations and subterranean parking that could extend into native soils potentially containing undiscovered paleontological resources. Therefore, it is recommended that this topic be analyzed further in an EIR to determine the potential for, and significance of, any impacts on paleontological resources.

d) Disturb any human remains, including those interred outside of formal cemeteries?

Less Than Significant Impact. No known traditional burial sites or other type of cemetery usage has been identified within the Project Site. In addition, as previously indicated, the Project Site has been previously graded and developed. Nonetheless, the Project Site would require excavation that could extend into native soils. Thus, the potential exists to encounter human remains during excavation activities. A number of regulatory provisions address the handling of human remains inadvertently uncovered during excavation activities. These include State Health and Safety Code Section 7050.5, Public Resources Code 5097.98, and CEQA Guidelines Section 15064.5(e). Pursuant to these codes, in the event of the discovery of unrecorded human remains during construction, construction excavations shall be halted and the County Coroner shall be notified. If the human remains are determined to be Native American, the California Native American Heritage Commission shall be consulted to designate a Most Likely Descendant who shall recommend appropriate measures to the landowner regarding the treatment of the remains. Compliance with these protocols would reduce impacts to a less than significant level. No further analysis of this topic in an EIR is required and no mitigation measures are required.

VI. GEOLOGY AND SOILS

In 2015, the California Supreme Court in CBIA v. BAAQMD, held that CEQA generally does not require a lead agency to consider the impacts of the existing environment on the future residents or users of the project. The revised thresholds are intended to comply with this decision. Specifically, the decision held that an impact from the existing environment to the project, including future users and/or residents, is not an impact for purposes of CEQA. However, if the project, including future users and residents, exacerbates existing conditions that already exist, that impact must be assessed, including how it might affect future users and/or residents of the project.

[10] *Los Angeles Citywide General Plan Framework Draft EIR, Figure CR-2, Paleontological Resources, January 1995.*

Thus, in accordance with Appendix G of the State CEQA Guidelines and the CBIA v. BAAQMD decision, the project would have a significant impact related to geology and soils if it results in any of the following impacts to future residents or users.

Would the project:

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

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

Potentially Significant Impact. The seismically active region of Southern California is crossed by numerous active and potentially active faults and is underlain by several blind thrust faults. Based on criteria established by the California Geological Survey (CGS), faults can be classified as active, potentially active, or inactive. Active faults are those that have shown evidence of movement within the past 11,000 years (i.e., during the Holocene Epoch).

Potentially active faults are those that have shown evidence of movement between 11,000 and 1.6 million years ago (i.e., during the Pleistocene Epoch). Inactive faults are those that have exhibited displacement greater than 1.6 million years before the present (i.e., during the Quaternary Epoch). Blind thrust faults are low angle reverse faults with no surface expression. Due to their buried nature, the existence of blind thrust faults is not usually known until they produce an earthquake.

Fault rupture is the displacement that occurs along the surface of a fault during an earthquake. The CGS has established earthquake fault zones known as Alquist-Priolo Earthquake Fault Zones around the surface traces of active faults to assist cities and counties in planning, zoning, and building regulation functions. These zones identify areas where potential surface rupture along an active fault could prove hazardous and identify where special studies are required to characterize hazards to habitable structures. In addition, the City's General Plan Safety Element has designated fault rupture study areas extending along each side of active and potentially active faults to establish areas of hazard potential due to fault rupture.

The Project Site is not located with an Alquist-Priolo Earthquake Fault Zone and the closest fault is the Puente Hills Blind Thrust, located approximately 0.17 kilometer (0.11 mile) away.[11] Since the Project Site is located within the seismically active Southern California region, the Project could expose people or structures to substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault. In order to adequately address these conditions, it is recommended that this topic be analyzed further in an EIR.

[11] *City of Los Angeles Department of City Planning, Zoning Information and Mapping Access System (ZIMAS), Parcel Profile Report: 1045 S. Olive Street. Generated January 3, 2017.*

ii) Strong seismic ground shaking caused in whole or in part by the project's exacerbation of the existing environmental conditions?

Potentially Significant Impact. The Project Site is located within the seismically active Southern California region. The level of ground shaking that would be experienced at the Project Site from active or potentially active faults or blind thrust faults in the region would be a function of several factors including earthquake magnitude, type of faulting, rupture propagation path, distance from the epicenter, earthquake depth, duration of shaking, site topography, and site geology. Active faults that could produce shaking at the Project Site include the Whittier-Elsinore Fault, San Jacinto Fault, San Andreas Fault and numerous other smaller faults and blind thrust faults (including the Puente Hills Blind Thrust) found throughout the region. As with any new project development in the State of California, Project building design and construction would be required to conform to the current seismic design provisions of the City's Building Code, which incorporates relevant provision of the 2016 California Building Code (CBC) (effective 2017). The 2016 CBC, as amended by the City's Building Code, incorporates the latest seismic design standards for structural loads and materials to provide for the latest in earthquake safety. Nonetheless, it is recommended that this topic be analyzed further in an EIR.

iii) Seismic-related ground failure, including liquefaction, caused in whole or in part by the project's exacerbation of the existing environmental conditions?

Potentially Significant Impact. Liquefaction is a seismic phenomenon in which loose, saturated, granular soils behave similarly to a fluid when subject to high-intensity ground shaking. Specifically, liquefaction occurs when the shock waves from an earthquake of sufficient magnitude and duration compact and decrease the volume of the soil; if drainage cannot occur, this reduction in soil volume will increase the pressure exerted on the water contained in the soil, forcing it upward to the ground surface. This process can transform stable soil material into a fluid-like state. This fluid-like state can result in horizontal and vertical movements of soils and building foundations from lateral spreading of liquefied materials and post-earthquake settlement of liquefied materials. Liquefaction occurs when three general conditions exist: 1) shallow groundwater; 2) low density non-cohesive (granular) soils; and 3) high-intensity ground motion.

The CGS has delineated seismic hazard zones in areas where the potential for strong ground shaking, liquefaction, landslides, and other ground failures due to seismic events, which if designated requires cities and counties to regulate certain development projects within these zones until the geologic and soil conditions of a site are investigated and appropriate mitigation measures, if any, are incorporated into development plans. In addition, the City's General Plan Safety Element has designated areas susceptible to liquefaction. The Project Site is not located in a City-designated liquefaction zone.[12] Nor is the Project Site located in a liquefaction zone on the State's Earthquake Zones of Required Investigation, Hollywood Quadrangle map.[13] However, because of historically

[12] *Ibid.*

[13] California Geological Survey, Earthquake Zones of Required Investigation, Hollywood Quadrangle map, Revised Official Map, released November 6, 2014. http://gmw.conservation.ca.gov/SHP/EZRIM/Maps/HOLLYWOOD_EZRIM.pdf. Accessed September 14, 2017.

high groundwater levels in the vicinity of the Los Angeles River (located approximately 1.84 miles to the east), it is recommended that liquefaction be analyzed further in an EIR.

iv) Landslides caused in whole or in part by the project's exacerbation of the existing environmental conditions?

No Impact. The Project Site is not located within a City-designated Hillside Grading Area, is not subject to the City's Hillside Ordinance, and is not located in a City-designated Landslide area.[14,15] Furthermore, the Project Site is located in an urbanized area on relatively flat land, and is not located in proximity to any mountains or steep slopes. As such, there is no potential for landslides to occur on or near the Project Site. Therefore, the Project would not expose people or structures to potential substantial adverse effects involving landslides and no impact would result. No further analysis of this topic in an EIR is required and no mitigation measures are required.

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

Potentially Significant Impact. During construction, the 0.96-acre Project Site and potentially portions of surrounding streets would be subject to ground-disturbing activities (e.g., excavation, grading, soil stockpiling, foundation construction, the installation of utilities). These activities would expose unprotected soils to the elements for a limited time, allowing for possible erosion. In addition, the change in on-site drainage patterns resulting from the Project could also result in limited soil erosion. Thus, it is recommended that the potential for soil erosion resulting from Project construction and operation be analyzed further in an EIR.

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 caused in whole or in part by the project's exacerbation of the existing environmental conditions?

Potentially Significant Impact. As previously discussed in response to Checklist Questions VI.a.iii and a.iv, liquefaction hazards were concluded to be potentially significant and landslide hazards were concluded to have no impact. Subsidence occurs when a void is located or created underneath a surface, causing the surface to collapse. Common causes of subsidence include groundwater or oil resources or wells beneath a surface. No oil wells are located on the Project Site.[16] However, an oil well is located several blocks west of the Project Site[17], and the Project Site is located within or in close proximity to the boundaries of the historic Los Angeles Downtown Oil Field.[18] Furthermore, historically high groundwater levels have been recorded in the vicinity of the Los Angeles River (located approximately 1.84 miles to the east), and the Project Site is located within a region subject to potentially high seismic ground shaking. Therefore, it is recommended

14 *Ibid.*

15 *City of Los Angeles General Plan Safety Element, , adopted November 26, 1996, Exhibit C: Landslide Inventory & Hillside Areas. Available at: http://cityplanning.lacity.org/cwd/gnlpln/saftyelt.pdf. Accessed on January 16, 2017.*

16 *City of Los Angeles Department of City Planning, Zoning Information and Mapping Access System (ZIMAS), Parcel Profile Report: 1045 S. Olive Street. Generated January 3, 2017.*

17 *Ibid.*

18 *City of Los Angeles, Department of City Planning, Safety Element of the Los Angeles City General Plan, adopted November 26, 1996, Exhibit E: Oil Fields and Oil Drilling Areas in the City of Los Angeles. Available at http://cityplanning.lacity.org/cwd/gnlpln/saftyelt.pdf. Accessed on January 16, 2017.*

that the potential for lateral spreading, subsidence, liquefaction, and collapse be evaluated in an EIR.

d) Be located on expansive soil, as defined in Table 18 1 B of the Uniform Building Code (1994), creating substantial risks to life or property caused in whole or in part by the project's exacerbation of the existing environmental conditions?

Potentially Significant Impact. Expansive soils are typically associated with fine-grained clayey soils that have the potential to shrink and swell with repeated cycles of wetting and drying. Because the soils on the Project Site are currently unknown, there is potential for on-site soils to be subject to expansion resulting from changes in the moisture content. Therefore, it is recommended that this topic be further evaluated in an EIR.

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

No Impact. The Project Site is located in an urbanized area where wastewater infrastructure is currently in place. The Project would connect to the City's existing sewer system, and would not use septic tanks or alternative wastewater disposal systems. Therefore, no impact would occur. No further analysis of this topic in an EIR is required and no mitigation measures are required.

VII. GREENHOUSE GAS EMISSIONS

Would the project:

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

Potentially Significant Impact. The Project is pursuing qualification as an Environmental Leadership Development Project (ELDP). In so doing the Project will need to meet a number of requirements including a demonstration that the Project will achieve LEED Silver certification (or better), maximize transit friendly features and be 'Net-Zero' in carbon/GHG emissions. Accordingly, an analysis of the Project's emissions of greenhouse gases due to construction and operation should be performed pursuant to ELDP guidelines. Therefore, it is recommended that this topic be further evaluated in an EIR.

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

Potentially Significant Impact. The Project would be required to comply with the City's Green Building Code pursuant to Chapter IX, Article 9, of the LAMC. In conformance with these requirements, the Project would be designed to reduce GHG emissions through various energy conservation measures. In addition, the Project is required to implement applicable energy conservation measures to reduce GHG emissions such as those described in California Air Resources Board AB 32 Scoping Plan, which describes the approaches California will take to achieve the goal of reducing GHG emissions to 1990 levels by 2020. The Project would incorporate

sustainable elements of design during construction and operation in an effort to meet LEED Silver standards or the equivalent. However, the amount of GHG emissions associated with the Project have not been estimated at this time. Therefore, further evaluation in an EIR is required to determine if the Project would achieve consistency with applicable plans, policies or regulations adopted for the purpose of reducing GHG emissions.

VIII. HAZARDS AND HAZARDOUS MATERIALS

As discussed above, in 2015, the California Supreme Court in CBIA v. BAAQMD, held that CEQA generally does not require a lead agency to consider the impacts of the existing environment on the future residents or users of the project. The revised thresholds are intended to comply with this decision. Specifically, the decision held that an impact from the existing environment to the project, including future users and/or residents, is not an impact for purposes of CEQA. However, if the project, including future users and residents, exacerbates existing conditions that already exist, that impact must be assessed, including how it might affect future users and/or residents of the project. For example, if construction of the project on a hazardous waste site will cause the potential dispersion of hazardous waste in the environment, the EIR should assess the impacts of that dispersion to the environment, including to the project's residents. Thus, in accordance with Appendix G of the State CEQA Guidelines and the CBIA v. BAAQMD decision, the project would have a significant impact related to hazards and hazardous materials if it would result in any of the following impacts.

Would the project:

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

Potentially Significant Impact. Construction of the Project would involve the temporary use of hazardous substances in the form of paint, adhesives, surface coatings and other finishing materials, and cleaning agents, fuels, and oils. All materials would be used, stored, and disposed of in accordance with applicable laws and regulations and manufacturers' instructions. Furthermore, any emissions from the use of such materials would be minimal and localized to the Project Site. Operation of the Project would involve the use and storage of small quantities of potentially hazardous materials in the form of cleaning solvents, painting supplies, and pesticides for landscaping. The use of these materials would be in small quantities and in accordance with the manufacturers' instructions for use, storage, and disposal of such products. As with construction, any emissions from the use of such materials regarding the operation of the Project would be minimal and localized to the Project Site. However, the potential for the presence of hazardous environmental conditions on the Project Site will be analyzed further in an EIR.

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?

Potentially Significant Impact. The Project Site is located within a City-designated Methane Zone.[19] Furthermore, given the age of the existing on-site buildings, there is the potential that these buildings may contain asbestos and/or lead-based paints which would require remediation and abatement, and that any past or current use of hazardous materials at the Project Site may have resulted in soils and/or groundwater contamination. Further, undocumented underground storage tanks (USTs) are common in downtown Los Angeles and could be located onsite. Lastly, while the use of any hazardous materials during Project construction and operation would occur in accordance with applicable regulations, and would not be expected to include large quantities of hazardous materials, there is nevertheless the potential for the accidental release of any such materials. Accordingly, it is recommended that these topics be analyzed further in an EIR.

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

Potentially Significant Impact. The schools closest to the Project Site are Los Angeles Unified School District's (LAUSD's) Los Angelitos Early Education Center located at 915 S. Olive Street, and L A Child Care and Development Council at 1001 S Hope Street, both approximately 0.17 miles northwest of the Project Site. Because Project construction could potentially include hazardous emissions and/or the handling of hazardous materials, substances or waste within one-quarter mile of this and potentially other schools, it is recommended that this topic be analyzed further in an EIR.

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 caused in whole or in part from the project's exacerbation of existing environmental conditions?

Less than Significant Impact. Government Code Section 65962.5, amended in 1992, requires CalEPA to develop and update annually the Cortese List, which is a list of hazardous waste sites and other contaminated sites. A Phase I and Limited Phase II Environmental Site Assessment (ESA) has been prepared for the Project Site.[20] The ESA concluded that no Recognized Environmental Conditions (RECs) are present on the Project Site. However, Historical Recognized Environmental Conditions (HRECs) were identified. These are environmental conditions that refer to a past release of contaminated material that has been remediated to below "residential" standards and given regulatory closure with no use restrictions. Therefore, further analysis pursuant to lists of hazardous materials sites is not required. No further analysis of this topic in an EIR is recommended, and no mitigation measures are required.

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19 *City of Los Angeles Department of City Planning, Zoning Information and Mapping Access System (ZIMAS), Parcel Profile Report: 1045 S. Olive Street. Generated January 3, 2017.*

20 Leighton and Associates, Inc. Phase I and Limited Phase II Environmental Site Assessment, 1033 to 1057 South Olive Street, City of Los Angeles, Los Angeles County, California. January 26, 2016.

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

f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

No Impact (e-f). The Project Site is not located in a designated Airport Hazard Zone.[21] Furthermore, the Project Site is not located within an airport land use plan, within two miles of a public airport or public use airport, or within the vicinity of a private airstrip. The two nearest airports are the Hawthorne Municipal Airport and Los Angeles International Airport located approximately 9 miles and 10 miles to the southwest, respectively. The nearest private airport or airstrip is the Goodyear Blimp Base Airport in the City of Carson, approximately 13 miles south of the Project Site. Therefore, the Project would not result in an airport-related safety hazard for people residing or working in the Project vicinity. No further analysis of this topic in an EIR is recommended, and no mitigation measures are required.

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

Potentially Significant Impact. The Project Site is located in an established urban area that is well served by the surrounding roadway network. No designated City-designated Selected Disaster Routes border the Project Site – the closest such routes are Olympic Boulevard located one-half block to the north and Broadway located two blocks to the east.[22] These routes would be close enough to the Project Site to potentially be affected by backup congestion associated with construction activity. Potential staging and site accessibility during construction should be evaluated and potentially mitigated with a Construction Management Plan to ensure that impacts on traffic are minimized and adequate emergency access is maintained during construction.

Operation of the Project would generate traffic in the Project vicinity and would result in some modifications to access (i.e., new curb cuts for Project driveways) from the streets that surround the Project Site. However, the Project would be required to provide adequate emergency access and to comply with Los Angeles Fire Department (LAFD) access requirements.

Based on the above, the Project could impair implementation or physically interfere with adopted emergency response or emergency evacuation plans due to construction activities. Therefore, it is recommended that impacts to emergency response and emergency evacuation plans be further evaluated in an EIR.

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21 *City of Los Angeles Department of City Planning, Zoning Information and Mapping Access System (ZIMAS), Parcel Profile Report: 1045 S. Olive Street. Generated January 3, 2017.*

22 *City of Los Angeles, Department of City Planning, Safety Element of the Los Angeles City General Plan, adopted November 26, 1996, Exhibit H – Critical Facilities & Lifeline Systems. Available at: http://cityplanning.lacity.org/cwd/gnlpln/saftyelt.pdf. Accessed on January 16, 2017.*

h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands caused in whole or in part from the project's exacerbation of existing environmental conditions?

No Impact. The Project Site is located in a highly urbanized area. No wildlands are present on the Project Site or surrounding area. Furthermore, the Project Site is not within a City-designated wildfire hazard area.[23] Therefore, the Project would not expose people or structures to a significant risk involving wildland fires. No further analysis of this topic in an EIR is recommended, and no mitigation measures are required.

IX. HYDROLOGY AND WATER QUALITY

Would the project:

a) Violate any water quality standards or waste discharge requirements?

Potentially Significant Impact. The Project Site is currently developed with five commercial building and associated surface parking. Construction of the Project would require earthwork activities, including grading and excavation of the Project Site. During precipitation events in particular, construction activities associated with the Project have the potential to result in the conveyance of soils due to minor soil erosion during grading and soil stockpiling and subsequent siltation, as well as other pollutants into municipal storm drains. Construction dewatering may also be necessary due to the Project's excavation for the proposed six levels of subterranean parking. While the Project would be required to implement design features and regulatory mechanisms to avoid significant impacts to water quality standards and waste discharge requirements, it is recommended that water quality impacts be analyzed further in an EIR to disclose the potential impacts and identify the appropriate procedures that would be necessary to avoid significant impacts.

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

Less Than Significant Impact. The Los Angeles Department of Water and Power (LADWP) is the water purveyor for the City. Water is supplied to the City from three primary sources, including the Metropolitan Water District's Colorado River and Feather River supplies (57 percent, Bay Delta 48 percent, Colorado River 8 percent), snowmelt from the Eastern Sierra Nevada Mountains via the Los Angeles Aqueduct (29 percent), local groundwater from the San Fernando groundwater basin (12 percent), as well as recycled water (2 percent).[24] Based on the City's most current Urban

[23] *City of Los Angeles, Department of City Planning, Safety Element of the Los Angeles City General Plan, adopted November 26, 1996, Exhibit D – Selected Wildfire Hazard Areas in the City of Los Angeles. Available at: http://cityplanning.lacity.org/cwd/gnlpln/saftyelt.pdf. Accessed January 16, 2017.*

[24] *Los Angeles Department of Water and Power: Facts and Figures. Available at: https://www.ladwp.com/ladwp/faces/*

Water Management Plan (UWMP), in 2014 and 2015, LADWP had an available water supply of roughly 611,800 acre-feet, with approximately 18 percent coming from local groundwater.[25] Groundwater levels in the City are actively maintained via spreading grounds and recharge. Furthermore, the Project does not propose groundwater withdrawal. Lastly, the Project Site is already approximately 100 percent developed with impervious surfaces, so the development of impervious surfaces under the Project would not be expected to reduce groundwater recharge at the Project Site. Therefore, the impact would be less than significant, and no further evaluation of this topic is recommended in an EIR.

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

Potentially Significant Impact. The Project Site is currently developed with five commercial buildings and associated surface parking. Construction activity could alter the drainage pattern of the Project Site during construction activity, and, if precipitation occurred during construction exposed sediments could be carried off-site and into the local storm drain system, thereby causing siltation. Therefore, it is recommended that this topic be analyzed further in an EIR.

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

Potentially Significant Impact. While the Project would not alter the course of a stream or river, as no streams or river occur on or within the vicinity of the Project Site, construction activities could potentially alter drainage patterns on the Project Site during the construction period and redirect Site runoff to the municipal drainage system in a manner that could cause flooding or sheet flows adjacent to the Project Site. Therefore, it is recommended that this topic be analyzed further in an EIR.

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

Potentially Significant Impact. The Project Site is currently impervious; and the Project would include Low Impact Development (LID) features that would capture some rainfall. However, the adequacy of the existing drainage system to accommodate drainage flows in the Project vicinity under existing conditions, and compatibility of the Project drainage system linkages to the existing drainage system should be verified. Therefore, it is recommended that this topic be analyzed further in an EIR.

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ladwp/aboutus/a-water/a-w-factandfigures?_adf.ctrl-state=j77lkjtqw_4&_afrLoop=357285129360562. Accessed January 16, 2017.

25 *Los Angeles Department of Water and Power, 2015 Urban Water Management Plan, Exhibit ES-S – Service Area Reliability Assessment for Average Weather Year, adopted July 1, 2016. Available at: https://www.ladwp.com/cs/idcplg?IdcService=GET_FILE&dDocName=QOELLADWP005416&RevisionSelectionMethod=LatestReleased. Accessed January 16, 2017.*

f) Otherwise substantially degrade water quality?

Potentially Significant Impact. The Project would be required to implement a Stormwater Pollution Prevention Plan (SWPPP) that includes Best Management Practices (BMPs) to reduce pollutants in stormwater runoff from the Project Site, and also would be required comply with the City's Low Impact Development (LID) Ordinance and Standard Urban Stormwater Mitigation Plan (SUSMP) requirements to good housekeeping practices intended to preclude sediment and hazardous substances from entering stormwater flows. While these are expected to avoid significant impacts to water quality standards and waste discharge requirements, it is recommended that water quality impacts be analyzed further in an EIR to disclose potential impacts and identify the appropriate design features and regulatory compliance mechanisms, necessary to avoid any significant impacts.

g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?

h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

No Impact (g-h). The Project Site is not located within a 100-year flood hazard area.[26,27] No flood zone impacts would occur, no mitigation measures would be required, and no further analysis of this topic in an EIR is recommended.

i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

No Impact. The Project Site is not located within a potential inundation area for the Los Angeles River, levees, or upstream dams.[28] Therefore, no impact associated with flooding, including flooding due to the failure of a levee or dam, would occur. No further analysis of this topic in an EIR is required

j) Inundation by seiche, tsunami, or mudflow?

No Impact. A seiche is an oscillation of a body of water in an enclosed or semi-enclosed basin, such as a reservoir, harbor, lake, or storage tank. A tsunami is a great sea wave, commonly referred to as a tidal wave, produced by a significant disturbance undersea, such as a tectonic displacement

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26 *City of Los Angeles Department of City Planning, Zoning Information and Mapping Access System (ZIMAS), Parcel Profile Report: 1045 S. Olive Street. Generated January 3, 2017.*

27 *Federal Emergency Management Agency, Flood Insurance Rate Map, Panel 06037C1620F , September 26, 2008. Available at: http://map1.msc.fema.gov/idms/IntraView.cgi?ROT=0&O_X=7204&O_Y=5179&O_ZM=0.038617&O_SX=556&O_SY=399&O_DPI=400&O_TH=14251095&O_EN=14251095&O_PG=1&O_MP=1&CT=0&DI=0&WD=14408&HT=10358&JX=1528&JY=762&MPT=0&MPS=0&ACT=1&KEY=14250798&ITEM=1&PICK_VIEW_CENTER.x=274.3999938964844&PICK_VIEW_CENTER.y=210&R1=VIN. Accessed on January 16, 2017.*

28 *City of Los Angeles General Plan, Safety Element Exhibit G, Inundation & Tsunami Hazard Areas, March 1994. Available at: http://cityplanning.lacity.org/cwd/gnlpln/saftyelt.pdf. Accessed on January 16, 2017.*

of sea floor associated with large, shallow earthquakes. Mudflows occur as a result of downslope movement of soil and/or rock under the influence of gravity.

The Project Site is located in an area of relatively flat topography and urban development, with no hillsides or enclosed bodies of water nearby, and as such, there is no potential for inundation resulting from a seiche or mudflows. Relative to tsunami hazards, the Project Site is located approximately 16 miles inland (northeast) from the Pacific Ocean, and therefore, would not be subject to a tsunami. Furthermore, the Project Site is not located on a City-designated tsunami hazard area.[29] Therefore, no impacts would occur due to inundation by tsunami or mudflow. No further analysis of this topic in an EIR is required.

X. LAND USE AND PLANNING

Would the project:

a) Physically divide an established community?

Less Than Significant Impact. The Project Site is located within the boundaries of the Central City Community Plan area, in a highly urbanized area of Downtown and the South Park community of the City, and is improved with five commercial buildings and associated surface parking. The Project would represent redevelopment of an already developed site in conformance with the existing General Plan land use designation and zoning of the Site, and would be similar to other large mixed-use development projects recently constructed in the area. Furthermore, while the Project would result in minor changes to the way vehicles access the Project Site, it would not close or re-route existing streets, and traffic in the surrounding community would continue to utilize the same circulation facilities and patterns as occur presently. Furthermore, the ground and mezzanine levels of the proposed development would include neighborhood commercial uses and improvements to Olive Street and 11th Street sidewalks that would increase pedestrian activity and improve pedestrian connectivity in the area. Therefore, the Project would not physically divide an established community, a less than significant impact would result, and no mitigation measures are required. No further analysis of this topic in an EIR is required.

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

Less Than Significant Impact. The Project Site is located within the Central City Community Plan Area, City Center Redevelopment Project, Central City and Downtown Parking Districts, Greater Downtown Housing Incentive Area, South Park II Business Improvement District, Central City Revitalization Zone, and Los Angeles State Enterprise Zone and is subject to the Downtown Design Guide.[30] The Project site is designated by the Central City Community Plan as High Density Residential and is zoned [Q]R5-4D-O which permits high density residential development. The

[29] *Ibid.*

[30] *City of Los Angeles Department of City Planning, Zoning Information and Mapping Access System (ZIMAS), Parcel Profile Report: 1045 S. Olive Street. Generated January 3, 2017.*

"Q" Condition allows commercial uses to be included along with the residential development provided the floor area for the commercial uses does not exceed a 2:1 FAR. The "D" limitation restricts the maximum FAR to 6:1, with an increase to a maximum FAR of 13:1 with approval of a Transfer of Floor Area Rights (TFAR).

The Applicant is requesting several entitlements/approvals, including: approval of Vesting Tentative Tract Map 74531; approval of a Transfer of Floor Area Rights (TFAR) for a Transit Area Mixed-Use Project from the Los Angeles Convention Center donor site; approval of a Master Conditional Use Permit for the sale and dispensing of a full-line of alcoholic beverages for on-site consumption within up to 10 establishments; a request for permission to deviate from the number of residential parking spaces listed in Advisory Agency policy memo AA-20000-1; Site Plan Review; a Zoning Administrator's Interpretation; and approval/clearance from CRA/LA for conformance with the City Center Redevelopment Plan. The Applicant will also request other administrative approvals and permits as deemed necessary by the City to implement the Project including but not limited to the following: demolition, excavation, shoring, grading, foundation, building, haul route, street tree removal, and tenant improvements.

The Project would fully comply with all applicable zoning and land use plans, policies, and regulations adopted for the purpose of avoiding or mitigating environmental effects. Accordingly, the City anticipates that the Project's Land Use impacts regarding conformity with all such land use plans, policies, and regulations would be less than significant. However, as a result of the scale and complexity of the Project, and the land use approvals and entitlements involved, it is recommended that the Project's conformity with applicable zoning and land use plans, policies, and regulations adopted for the purpose of avoiding or mitigating environmental effects be analyzed in an EIR.

c) Conflict with any applicable habitat conservation plan or natural community conservation plan?

No Impact. As discussed in the response to Checklist Question IV, Biological Resources, the Project Site is located in the highly urbanized Downtown area and South Park community of the City, is currently developed with five commercial buildings and associated surface parking, is surrounded on all sides by urban development, and lacks trees or other landscaping. Furthermore, the Project Site is not located within or adjacent to a Sensitive Ecological Area (SEA) as defined by the City or County of Los Angeles, or within an area subject to a habitat conservation plan or natural community conservation plan. [31,32] Therefore, the Project would not conflict with the provisions of an applicable habitat conservation plan or natural community conservation plan, no mitigation measures are required, and no further analysis of this topic in an EIR is required.

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31 *City of Los Angeles, Department of City Planning, Los Angeles Citywide General Plan Framework, Draft Environmental Impact Report, January 19, 1995, at page 2.18-13. Available at: http://cityplanning.lacity.org/housinginitiatives/housingelement/frameworkeir/FrameworkFEIR.pdf. Accessed on January 16, 2017.*

32 *County of Los Angeles, Department of Regional Planning, County of Los Angeles Significant Ecological Areas Program, Figure 9.3, Significant Ecological Areas and Coastal Resources Areas Policy Map, February 2015. Available at: http://planning.lacounty.gov/assets/upl/project/gp_2035_2014-FIG_9-3_significant_ecological_areas.pdf. Accessed on January 16, 2017.*

XI. MINERAL RESOURCES

Would the project:

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

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

No Impact (a-b). The Project Site is not classified by the City of Los Angeles as containing significant mineral deposits.[33] Furthermore, the Project Site and its environs are not designated as an existing Aggregate Production Area by the State of California or the U.S. Geological Survey.[34] The Project Site is fully developed with urban uses and, has not been the site of mineral resource extraction in the past, and rather than being designated for resource extraction, the Project Site is designated for High Density Residential use by the City of Los Angeles General Plan. Therefore, Project implementation would not result in the loss of availability of a known mineral resource of value to the region and residents of the State, nor of a locally important mineral resource recovery site. No impacts to mineral resources would occur. Further analysis of Mineral Resources is not required and no mitigation measures are required.

XII. NOISE

Would the project result in:

a) Exposure of persons to or generation of noise level in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Potentially Significant Impact. Construction of the Project would require the use of heavy construction equipment (e.g., bulldozers, backhoes, cranes, loaders, etc.) that would generate noise on an intermittent short-term basis. Additionally, operation of the Project may increase existing noise levels as a result of Project-related traffic, the operation of heating, ventilation, and air conditioning (HVAC) systems, vehicles in the parking garage, loading and unloading of trucks. As such, nearby residential or other sensitive uses could potentially be affected. Therefore, it is recommended that the Project's potential to exceed noise standards be analyzed further in an EIR.

b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

Potentially Significant Impact. Construction of the Project may generate groundborne vibration and noise due to Project Site grading, clearing activities, and haul truck travel. As such, the Project

[33] *City of Los Angeles, Department of City Planning, Los Angeles Citywide General Plan Framework, Draft Environmental Impact Report, January 19, 1995, Figure GS-1 – Areas Containing Significant Mineral Deposits in the City of Los Angeles. Available at: http://cityplanning.lacity.org/housinginitiatives/housingelement/frameworkeir/FrameworkFEIR.pdf. Accessed on January 16, 2017.*

[34] *California Geological Survey, Aggregate Sustainability in California, California, 2012. Available at: http://www.conservation.ca.gov/cgs/information/publications/ms/Documents/MS_52_2012.pdf. Accessed on January 16, 2017*

would have the potential to generate or expose people to excessive groundborne vibration and noise levels during short-term construction activities. In addition to the potential to expose people to potential groundborne vibration. It is recommended that this topic be analyzed further in an EIR.

Once construction is complete, Project operation (e.g. residential, retail/restaurant activity) would not generate groundborne vibration or groundborne noise at levels beyond those which currently exist due to the existing urbanized development setting. As such, operation of the Project would not have the potential to expose people to excessive groundborne vibration or noise, resulting in a less than significant impact. Therefore, no further analysis of operational groundborne vibration or noise is required in an EIR and no mitigation measures would be necessary.

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

Potentially Significant Impact. As discussed in the response to Checklist Question XII.a, operation of the Project may increase existing noise levels as a result of Project-related traffic, the operation of HVAC systems, loading and unloading of trucks, and vehicles in the parking garage. Therefore, it is recommended that potential impacts associated with a permanent increase in ambient noise levels be analyzed further in an EIR.

d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Potentially Significant Impact. As discussed in the response to Checklist Question XII.a, construction of the Project would require the use of heavy construction equipment (e.g., bulldozers, backhoes, cranes, loaders, etc.) that would generate noise on a short-term basis. Therefore, it is recommended that potential impacts associated with a temporary or periodic increase in ambient noise levels be further analyzed in an EIR.

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

f) For a project located within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

No Impact (e-f). As discussed in the response to Checklist Question VIII.e and f above, the Project Site is not located within an airport land use plan, within two miles of a public use airport, or within the vicinity of a private airstrip. The two nearest airports are the Hawthorne Municipal Airport and the Los Angeles International Airport, which are located approximately 9 and 10 miles southwest of the Project Site, respectively. The nearest private airport or airstrip is the Goodyear Blimp Base Airport in the City of Carson, approximately 13 miles south of the Project Site. Therefore, the Project would not expose its future residents or residents within the Project vicinity to excessive noise levels from airport use. No further analysis of this topic in an EIR is required and no mitigation measures are required.

XIII. POPULATION AND HOUSING

Would the project:

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

Potentially Significant Impact. The Project Site is located within the jurisdiction of the Southern California Association of Governments (SCAG), a Joint Powers Agency established under California Government Code Section 6502 et seq. SCAG's mandated responsibilities include developing plans and policies with respect to the region's population growth, transportation programs, air quality, housing, and economic development. In April 2016, SCAG's Regional Council adopted the 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS). The 2016 RTP/SCS presents the transportation vision for the region through the year 2040 and provides a long-term investment framework for addressing the region's transportation and related challenges. It also includes projections of population, households, and employment through 2040.

Furthermore, the City's General Plan including its community plans address growth in the region. The Central City Community Plan includes estimates of population and housing growth expected to occur within its boundaries. The City Center Redevelopment Plan also includes policies regarding the number of buildings and residential units expected to be provided within its boundaries.

The Project would cause an increase in population, construct new residential units, and create new employment opportunities. Due to the Project's projected population, housing, and employment increase. it is recommended that a detailed analysis be undertaken as part of an EIR that compares the Project's contribution to population, housing, and employment growth to SCAG's 2016 RTP/SCS, Central City Community Plan policies, and Citywide projections and policies regarding future development.

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

c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

No Impact (b-c). The Project would replace the existing 35,651 square feet of on-site commercial uses with up to 794 residential units and 12,504 square feet of commercial uses. No dwelling units are currently located on the Project Site. Thus, the Project would not displace substantial numbers of existing housing or people, and would not necessitate the construction of replacement housing elsewhere. As no impacts would occur, no mitigation measures are required, and further analysis of this topic in an EIR is not recommended.

XIV. PUBLIC SERVICES

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

a) Fire protection?

Potentially Significant Impact. The Los Angeles Fire Department (LAFD) provides fire protection and emergency medical services in the City of Los Angeles. Five LAFD Fire Stations are located within a 1.53-mile radius of the Project Site, including: Fire Station #10 at 1335 South Olive Street (0.30 mile southwest); Fire Station #9 at 430 E. 7th Street (0.71 mile east); Fire Station #11 at 1819 W. 7th Street (1.21 miles northwest); Fire Station #3 at 108 N. Fremont Avenue (1.26 miles north); and Fire Station #4 at 450 E. Temple Street (1.53 miles northeast).

Because the Project would increase the developed floor area and height of the proposed building on the Project Site, and would introduce a residential population and potentially greater employee and customer populations than currently occur at the Project Site, the Project could increase the demand for LAFD fire protection and emergency medical services. Furthermore, Project construction activities could potentially generate a demand for LAFD fire protection services, while Project construction and operational traffic could potentially impact LAFD emergency response times. Therefore, it is recommended that potential impacts on police protection services be analyzed further in an EIR.

b) Police protection?

Potentially Significant Impact. The Los Angeles Police Department (LAPD) provides police protection services in the City of Los Angeles. The nearest LAPD Station is the LAPD Central Community Police Station located at 251 E. 6th Street which is located approximately 0.76 miles northeast from the Project Site.

Because the Project would increase the developed floor area of buildings on the Project Site, and would introduce a residential population and potentially greater employee and customer populations than currently occur at the Project Site, the Project could increase the demand for LAPD police protection services. Furthermore, Project construction activities could potentially generate a demand for LAPD police protection services, while Project construction and operational traffic could potentially impact LAPD emergency response times. Therefore, it is recommended that potential impacts on police protection services be analyzed further in an EIR.

c) Schools?

Potentially Significant Impact. The Project Site is located within the jurisdiction of the Los Angeles Unified School District (LAUSD), and specifically within LAUSD's East Local District.[35] The Project Site is within the attendance boundaries of 9th Street Elementary, John H. Liechty Middle School, and is within the LAUSD Belmont Zone of Choice with multiple high school options including Belmont High School, Miguel Contreras Learning Center, Ramon C. Cortines School of Visual & Performing Arts, and Edward R Roybal Learning Center.[36] Because the Project would introduce a new residential population to the Project Site, a greater demand on LAUSD schools would be generated. Therefore, it is recommended that potential impacts to local schools be analyzed further in an EIR.

d) Parks?

Potentially Significant Impact. The City of Los Angeles Department of Recreation and Parks (LADPR) provides park facilities and services within the City of Los Angeles. Because the Project would introduce new residents to the Project Site who might visit nearby City parks, greater demand on existing City parks would be generated. While the Project would provide open space and recreation facilities on-site to meet the needs of its residents and reduce the Project's demand for parks, demand on City parks could increase. Therefore, it is recommended that potential impacts to parks be analyzed further in an EIR.

e) Other public facilities?

Potentially Significant Impact. The Los Angeles Public Library (LAPL) provides library services to the City of Los Angeles. Because the Project would introduce new residents, and potentially increase existing on-site employees and customers, demand on LAPL library services could increase. Therefore, it is recommended that potential impacts associated with library services be analyzed further in an EIR.

During construction and operation of the Project, other governmental services, including roads, would continue to be utilized. Project residents, employees and customers would use the existing road network, without the need for new roadways to serve the Project Site. As discussed in the response to Checklist Question XVI, Transportation/Traffic, the Project could result in an increase in the number of vehicle trips attributable to the Project Site. However, the additional use of roadways would not be excessive and would not necessitate the upkeep of such facilities beyond normal requirements. Any minor roadway improvements (e.g., street dedications), pursuant to City requirements, would be constructed concurrent with the Project and would be analyzed as needed throughout the EIR. Therefore, the Project would result in less than significant impacts on other governmental services, including roads. Further analysis of other governmental services related to roads is not required and no mitigation measures would be required.

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35 *LAUSD. Local District East Map, June 2015. Available at: http://achieve.lausd.net/cms/lib08/CA01000043/Centricity/Domain/33/East.pdf. Accessed on January 17, 2017.*

36 *LAUSD Resident School Identifier. Available at http://rsi.lausd.net/ResidentSchoolIdentifier/. Accessed January 17, 2017.*

XV. RECREATION

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

Potentially Significant Impact. As discussed in the response to Checklist Question XIV.d, above, because the Project would introduce new population to the Project Site, greater demand on existing public recreational and park facilities and services could be generated. Therefore, it is recommended that this issue be analyzed further in an EIR.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

Potentially Significant Impact. The Project would include the development of on-site open space and recreation facilities to serve its residential population and reduce demand on recreational facilities in the area. However, as indicated in the response to Checklist Question XV.a above, the Project would introduce new population to the Project Site which could generate a greater demand on existing public recreational and park facilities and services. Therefore, it is recommended that this issue be analyzed further in an EIR.

XVI TRANSPORTATION AND TRAFFIC

Would the project:

a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?

Potentially Significant Impact. The Project proposes to remove 35,651 square feet of existing commercial development at the Project Site, and to develop in its place a mixed-use development consisting of up to 794 residential units and 12,504 square feet of commercial uses. These uses would add traffic to local and regional transportation systems. As such, operation of the Project could adversely affect the existing capacity of the street system or exceed an established standard. Construction of the Project would also result in a temporary increase in traffic due to construction-related truck trips and worker vehicle trips. Therefore, traffic impacts during construction could also adversely affect the street system. As the Project's increase in traffic would have the potential to result in a significant traffic impact, it is recommended that this topic, including parking provisions, be analyzed further in an EIR.

b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?

Potentially Significant Impact. The Project proposes to remove 35,651 square feet of existing commercial development at the Project Site, and to develop in its place a mixed-use development

consisting of up to 794 residential units and 12,504 square feet of commercial uses. These uses would add traffic to local and regional transportation systems. As such, operation of the Project could adversely affect the existing capacity of the street system or exceed an established LOS standard. Construction of the Project would also result in a temporary increase in traffic due to construction-related truck trips and worker vehicle trips. Therefore, traffic impacts during construction could also adversely affect the street system. As the Project's increase in traffic would have the potential to result in a significant traffic impact, it is recommended that this further analysis of this topic, including impacts on mass transit and non-motorized travel be analyzed further in an EIR.

c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

Less Than Significant Impact. As discussed in the response to Checklist Question VIII.e above, the two nearest airports are the Hawthorne Municipal Airport and Los Angeles International Airport located approximately 9 miles and 10 miles to the southwest, respectively. The Project is proposed within an area that includes high-rise towers that comprise the Downtown area of Los Angeles. As such, the Project is not anticipated to alter air traffic patterns or affect the utilization of navigable air space. Further, to ensure the safety of residents and guests from localized aircraft (e.g., helicopters), the Project would be subject to the Federal Aviation Administration's (FAA) Federal Aviation Regulations Part 77, Objects Affecting Navigable Airspace. These regulations ensure air safety by regulating construction or alteration of buildings or structures that may affect navigable airspace, and apply to buildings with a height of over 200 feet above ground level. The Project would result in the development of a single tower on the site that would be up to 810 feet (70 stories, inclusive of the podium structure) above finished grade. In accordance with FAA regulations, and similar to other Downtown high-rise buildings, the Project would be required to notify the FAA of the building's location and height, and install flashing beacons and/or steady burning lights to demarcate the building's location to aircraft. As such, the Project would not result in a change in air traffic patterns including, increases in traffic levels or changes in location that would result in substantial safety risks. As a less than significant impact would occur, further analysis of this topic is not necessary, and no mitigation measures are required.

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

Potentially Significant Impact. The Project would not alter existing street patterns in the vicinity, and there are no existing hazardous design features such as sharp curves or dangerous intersections on-site or within the Project vicinity. However, Project construction may require temporary lane or sidewalk closures. Access on and near the Project Site could also be temporarily disrupted resulting in conflicts with vehicles, pedestrians and/or bicyclists. Also, Project operation may alter the way vehicles ingress and egress the Project Site, and increase trip generation on local streets. Considering these factors, the potential for hazardous conditions during Project construction and operation may increase over existing conditions. Therefore, it is recommended that the potential construction impacts be analyzed further in an EIR.

e) Result in inadequate emergency access?

Potentially Significant Impact. Immediate vehicular access to the Project Site is currently provided via Olive Street, 11th Street and an alley which border the Project Site. While it is expected that the majority of construction activities for the Project would be confined on-site, short-term construction activities may temporarily affect emergency access on segments of adjacent streets during certain periods of the day. In addition, the Project would alter the way vehicles ingress and egress the Project Site, and generate traffic in the Project vicinity and would result in some modifications to access from the streets that surround the Project Site. Thus, it is recommended that this topic be analyzed further in an EIR.

f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?

Potentially Significant Impact. The Project Site is well served by public transportation and is anticipated to improve the pedestrian experience through the provision of ground floor commercial and sidewalk improvements to the Project Site's Olive Street and 11th Street frontages. Furthermore, the Project is expected to further the City's goals for increased use of alternative transportation by locating residential uses within an employment center well served by public transit, and by co-locating residential and commercial uses on the same site. However, the Project would include construction activities that could temporarily disrupt pedestrian and bicycle circulation and public transit routes in the Project vicinity, and increase the on-site population which would create a greater demand for public transit during Project operation. Therefore, it is recommended that the Project's potential for conflicts with the City's policies, plans, and programs supporting alternative transportation be further evaluated in an EIR.

XVII. Tribal Cultural Resources

Would the project:

a) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1 (k)?

b) 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: A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?

Potentially Significant Impact (a-b). Approved by Governor Brown on September 25, 2014,

Assembly Bill 52 (AB 52) establishes a formal consultation process for California Native American Tribes to identify potential significant impacts to tribal cultural resources, as defined in Public Resources Code Section 21074, as part of CEQA. Effective July 1, 2015, AB 52, applies to projects that file a Notice of Preparation or Notice of Negative Declaration/Mitigated Negative Declaration on or after July 1, 2015. As specified in AB 52, lead agencies must provide notice to tribes that are traditionally and culturally affiliated with the geographic area of a proposed project if the tribe has submitted a written request to be notified. The tribe must respond to the lead agency within 30 days of receipt of the notification if it wishes to engage in consultation on the project, and the lead agency must begin the consultation process within 30 days of receiving the request for consultation. Should any information be gained during the consultation process, it would be used to analyze impacts to tribal cultural resources in the EIR. The existence of tribal cultural resources on the Project Site is currently unknown. Therefore, it is recommended that further analysis of the topic be provided in the EIR to determine the potential for, and significance of, the Project's impacts on tribal cultural resources.

XVIII. UTILITIES AND SERVICE SYSTEMS

Would the project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

Potentially Significant Impact. The City of Los Angeles Department of Public Works (LADPW) provides wastewater services for the Project Site. Any wastewater generated at the Project Site is treated at the Hyperion Treatment Plant (HTP). The HTP is a part of the Hyperion Treatment System, which also includes the Tillman Water Reclamation Plant (TWRP) and the Los Angeles-Glendale Water Reclamation Plant (LAGWRP). The HTP is designed to treat 450 million gallons per day (mgd) HTP has an average dry water flow of approximately 362 mgd, leaving approximately 88 mgd of capacity available.[37,38] The discharge of effluent from the HTP into Santa Monica Bay is regulated by the HTP's National Pollutant Discharge Elimination System (NPDES) Permit issued under the Clean Water Act and is required to meet the Regional Water Quality Control Board (RWQCB)'s requirements for a recreational beneficial use. The Project would result in new sources of wastewater generated at the Project Site with the development of the new residential and commercial uses along with related amenities and open space. The incremental increase in the quantity of wastewater generated by the Project could potentially result in impacts with respect to wastewater treatment. Therefore, it is recommended that this topic be analyzed further in an EIR.

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37 *The HTP is an end-of-the-line plant, subject to diurnal and seasonal flow variation. It was designed to provide full secondary treatment for a maximum-month flow of 450 mgd, which corresponds to an average daily waste flow of 413 mgd, and peak wastewater flow of 850 mgd. (Information regarding peak flow is included in the City of Los Angeles Department of Public Works, Bureau of Sanitation, Water Integrated Resources Plan (IRP), , Volume 1, Wastewater Management, 2006; page 7-3.)*

38 *City of Los Angeles Department of Public Works, Bureau of Sanitation website, Hyperion Water Reclamation Plant. Available at: https://www.lacitysan.org/san/faces/wcnav_externalId/s-lsh-wwd-cw-p-hwrp?_adf.ctrl-state=modqzbl8f_4&_afrLoop=33199812189076655. Accessed January 23, 2017.*

b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

Potentially Significant Impact. Water and wastewater systems consist of two components, the source of the water supply or place of sewage treatment, and the conveyance systems (i.e., distribution lines and mains) that link these facilities to Project Site. Given the Project's proposed increase in developed floor area on the Project Site, it is recommended that this topic be analyzed further in an EIR.

c) Require or result in the construction of new storm water drainage facilities, or expansion of existing facilities, the construction of which could cause significant environmental effects?

Potentially Significant Impact. Under existing conditions, the Project Site is developed with five commercial buildings and surface parking. Current drainage on the Project Site flows to nearby the nearby municipal drainage systems. The Project would include Low Impact Development (LID) features that would capture some rainfall. However, the adequacy of the existing drainage system to accommodate drainage flows in the Project vicinity under existing conditions, and compatibility of the Project drainage system linkages to the existing drainage system should be verified. Therefore, it is recommended that this topic be analyzed further in an EIR.

d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

Potentially Significant Impact. Given the increased development that would occur on the Project Site with up to 794 residential units and 12,504 square feet of commercial space, the Project would increase water demand beyond existing conditions. Sections 10910-10915 of the State Water Code (Senate Bill [SB] 610) requires the preparation of a water supply assessment (WSA) demonstrating sufficient water supplies for a project that, among other criteria, includes more than 500 dwelling units. A WSA will be required for the Project as it is anticipated that the Project would result in a net increase in water use that is greater than the amount of water needed to serve a 500 unit residential development. This topic will be further analyzed in the EIR in order to assess projected water demand and the sufficiency of current water supplies.

e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Potentially Significant Impact. Given the increase in developed floor area proposed on the Project Site with up to 794 residential units and 12,504 square feet of commercial space, the Project would result in an increase in wastewater generation compared to existing conditions. Therefore, it is recommended that this topic be analyzed further in an EIR.

f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

Less Than Significant Impact. Solid waste management in the City of Los Angeles involves both public and private refuse collection services as well as public and private operation of solid waste transfer, resource recovery, and disposal facilities. The City of Los Angeles Bureau of Sanitation (BOS) is responsible for developing strategies to manage solid waste generation and disposal in the City of Los Angeles. The BOS collects solid waste generated primarily by single-family dwellings, small multi-family dwellings, and public facilities. Private hauling companies collect solid waste generated primarily from large multi-family residential, commercial, and industrial properties. The City of Los Angeles does not own or operate any landfill facilities, and the majority of its solid waste is disposed of at in-County landfills.

The remaining in County disposal capacity for the County's Class III landfills is estimated at approximately 114.4 million tons as of December 2015, the most recent data available.[39] The average daily disposal capacity is 28,549 tons per day and the average daily disposal rate is 15,298 tons per day, leaving a residual daily capacity of 13,251 tons per day. Waste from the City of Los Angeles is disposed primarily at the Sunshine Canyon and Chiquita landfill sites. Of the 114.4 million tons of remaining capacity within the County, 72.6 million tons or approximately 54 percent, is located at the Sunshine Canyon landfill, which has a remaining life of 22 years.

In addition to in-County landfills, out-of-County disposal facilities may also available to the City of Los Angeles. Aggressive waste reduction and diversion programs on a Countywide level have helped reduce disposal levels at the County's landfills, and based on the Los Angeles County Integrated Waste Management Plan (ColWMP), the County anticipates that future Class III disposal needs can be adequately met through 2030 through a combination of landfill expansion, waste diversion at the source, out-of-County landfills, and other practices.

Construction waste, demolition debris and exported soil (if not reused at another site) is disposed of at one of the unclassified inert landfills available to the City of Los Angeles, typically the Azusa Land Reclamation Facility, which has an estimated remaining capacity of approximately 57.56 million tons or 46.09 million cy. The average disposal rate was 264,000 tpy (846 tpd) in 2015. The estimated remaining life is 30 years. Other inert debris facilities that process inert waste and other construction and demolition waste, in 2015 collectively handled nearly approximately 2.4 million tons.[40]

Waste disposal in the City of Los Angeles is also carried out under the auspices of the City of Los Angeles Solid Waste Integrated Resources Plan (SWIRP), most commonly known as the City's Zero Waste Plan. This plan identifies a long term plan through 2030 for the City of Los Angeles's solid waste programs, policies and environmental infrastructure. The SWIRP aims for the City of Los Angeles to achieve a goal of 90 percent diversion by 2025. This targeted diversion rate would

[39] *County of Los Angeles Department of Public Works, County of Los Angeles Countywide Integrated Waste Management Plan: 2015 Annual Report. December 2016. Appendix E-2, Table 1.*

[40] *County of Los Angeles Department of Public Works, County of Los Angeles Countywide Integrated Waste Management Plan: 2015 Annual Report. December 2016. Page 32 and Appendix E-2, Table 1 and Table 2.*

be implemented through an enhancement of existing policies and programs, implementation of new policies and programs, and the development of future facilities.[41]

Construction Impacts

Project construction would require demolition of the existing on-site commercial buildings, earthwork (grading and excavation including soil export), and the new construction of the new mixed-use residential building on the Project Site. Each of these activities would generate construction waste including but not limited to asphalt, wood, paper, glass, plastic, metals, and soil.

As shown in **Table B-1**, *Project Demolition and Construction Debris*, development of the Project would generate an estimated 2,948 tons of building construction waste, 1,640 tons of demolition debris, 86,670 tons of soil export and 62 tons of asphalt removal for a total of 91,321 tons.

Construction and Demolition materials would be conveyed pursuant to the City's Waste Hauler Permit Program (Ordinance No. 181,519), effective January 1, 2011. Under this regulation, all private waste haulers collecting solid waste within the City, including C&D waste, are required to obtain AB 939 Compliance Permits and to transport C&D waste to City certified C&D processing facilities. These facilities process received materials for reuse and have recycling rates that vary from 70 percent to 87 percent, thus exceeding the 70 percent reclamation standard. [42]

As of 2014, Azusa Land Reclamation, the only permitted Inert Waste Landfill in the County with a full solid waste facility permit, had a remaining capacity of 57.56 million tons. Given the remaining permitted capacity and the average disposal rate of 846 tpd in 2015. This Inert Waste Landfill has a remaining life of 30 years. Other inert debris facilities that process inert waste and other construction and demolition waste, in 2015 collectively handled nearly 2.36 million tons.[43] On a daily basis 7,555 tons per day were disposed in contrast to 31,098 tons per day of capacity.

As indicated in Table B-1, the total amount of Project C & D debris is estimated to be 91,331 tons. If this were amount were to be reduced by 70 percent, the net debris requiring disposal would be 27,399 tons. There is substantial capacity available to accommodate the Project's C&D wastes for the foreseeable future.

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41 *Solid Waste Integrated Resources Plan , https://www.lacitysan.org/san/faces/home/portal/s-lsh-wwd/s-lsh-wwd-s/s-lsh-wwd-s-zwswirp;jsessionid=AgIoE85QVAFQnxqPpAdrn65Tc-m75Je2g-nC1ILEy8UCT1VM7lLo!-395322140!-1871668233?_afrLoop=11115782988512864&_afrWindowMode=0&_afrWindowId=null#!%40%40%3F_afrWindowId%3Dnull%26_afrLoop%3D11115782988512864%26_afrWindowMode%3D0%26_adf.ctrl-state%3Dgm4tpb8fc_4. Accessed January 19, 2017.*

42 *LA Sanitation, Waste Hauler Permit Program. https://www.lacitysan.org/san/faces/home/portal/s-lsh-wwd/s-lsh-wwd-s/s-lsh-wwd-s-c/s-lsh-wwd-s-c-whp?_afrLoop=13533789757387876&_afrWindowMode=0&_afrWindowId=null#!%40%40%3F_afrWindowId%3Dnull%26_afrLoop%3D13533789757387876%26_afrWindowMode%3D0%26_adf.ctrl-state%3Dsbifk38qh_131; updated July 1, 2017. Accessed August 9, 2017*

43 *County of Los Angeles Department of Public Works, County of Los Angeles Countywide Integrated Waste Management Plan: 2015 Annual Report. December 2016. Page 32 and Appendix E-2, Table 1 and Table 2.*

TABLE B-1
PROJECT DEMOLITION AND CONSTRUCTION DEBRIS

Debris Type	Size/Amount (ksf/cy)[a]	Generation Rate	Total Solid Waste Generation (tons)
Site Preparation			
Building Demolition	35,651 sf	92 lbs/sf[b]	1,640
Asphalt Removal	128 cy	0.5625 tons/cy[c]	72
Excavation	80,250 cy	1.08 tons/cy[c]	86,670
Building Construction			
Total Building Area	1,343,338 sf	4.39 lbs/sf[d]	2,949
Total Construction waste			**91,331**

[a] gross sf/cy. ksf = 1,000 sf, cy = cubic yards. Size/amounts of construction activity provided by Applicant, 1045 Olive, LLC,
[b] CalEEMod User's Guide, Appendix A, p. 12, July 2013.
[c] CA.Gov, CalRecycle, Diversion Study Guide, Appendix I, Conversion Factors: Construction and Demolition. http://www.calrecycle.ca.gov/LGCentral/Library/DSG/ICandD.htm. Accessed January 18, 2017. Factors converted from 80 lbs/cf to 1.08 tons/cy; and 45 lbs/cf to 0.0562 tons/cy.
[d] EPA, Estimating 2003 Building-Related Construction and Demolition Material Amounts. https://www.epa.gov/sites/production/files/2015-11/documents/cd-meas.pdf. Accessed January 18, 2017.

SOURCE: ESA, 2017.

Disposal and recycling of the construct debris would be required to comply with all Federal, State, and local regulations. Therefore, the Project would not cause any significant impacts from conflicting with statutes or regulations related to solid waste. Based on the above, a less than significant impact regarding solid waste would occur.

Operational Impacts

Estimated operational solid waste generation for the Project is shown in **Table B-2,** *Estimated Operational Solid Waste* Generation. It is estimated that the net increase in waste generation for the Project would be approximately 10,034 pounds per day (5.0 tons per day) or 1,831 tons per year. These amounts represent total waste generation without consideration for diversion/reclamation; and would be substantially reduced under current and improving reclamation rates. As noted above, SWIRP aims sets a goal for the City of Los Angeles to achieve a 90 percent diversion rate by 2025 through an enhancement of existing policies and programs, implementation of new policies and programs, and the development of future facilities.

The Project's net daily waste generation of 5.0 tons/day without accounting for diversion would amount to 0.04 percent of the residual daily capacity of 12,251 tons per day. The annual net waste generated, prior to diversion, 1,831 tons per year, would amount to 0.0016 percent of the remaining 114.4 million-ton capacity. If the City were to meet the diversion goal of 90 percent by 2025 the disposal rate would be 183 tons per year, or approximately 0.00016 percent of the remaining 114.4 million-ton capacity.

As described above, according to the CoIWMP 2015 Annual Report the County anticipates that future Class III disposal needs can be adequately met through the 2030 planning horizon period through a combination of landfill expansion, waste diversion at the source, out-of-County landfills,

and other practices. The Sunshine Canyon landfill, which accommodates most of the City's waste disposal has a remaining life of 22 years.

Based on the above, Project-generated waste would not exacerbate the estimated landfill capacity requirements addressed for the 15-year planning period ending in 2030, or alter the ability of the County to address landfill needs via existing capacity and other options for increasing capacity. Therefore, impacts on solid waste disposal from Project operations would be less than significant.

The above analysis concludes that impacts on solid waste disposal due to both construction and operations activities would be less than significant. Therefore, no further analysis of this topic in an EIR is recommended.

TABLE B-2
ESTIMATED OPERATIONAL SOLID WASTE GENERATION

Land Use	Size	Generation Rate	Solid Waste Generation (lbs/day)	Solid Waste Generation (tons/year)
Residential	794 du	12.23 lbs/du/day[a]	9,711	1,772
Commercial - Full Service Restaurant	12,504 sf/34 employees	16.0 lbs/employee/day[b]	544	99
Total Project			**10,255**	**1,871**
Existing Site Uses	19,824 sf/ 27 employees	8.2 lbs/employee/day[c]	221	40
Net Total			**10,034**	**1,831**

lbs = pounds, du = dwelling unit, sf = square feet.

[a] Generation factors for residential units are based on factors provided in the L.A. CEQA Threshold Guide.
[b] The waste generation factor for restaurants is taken from the 2014 Generator-Based Characterization of Commercial Sector Disposal and Diversion in California, CalRecycle, September 10, 2015, Table 1 (converted to lbs/employee/year). http://www.calrecycle.ca.gov/publications/Documents/1543/20151543.pdf; accessed September 19, 2017. The calculation assumes all of the commercial space would be used for restaurant uses. If other types of retail use are located on the Project Site their solid waste generation would be less than this calculation. The number of employees for retail/restaurant uses is 2.71 employees per 1,000 square feet. (per Los Angeles Unified School District, 2012 Developer Fee Justification Study, February 9, 2012.
[C] The existing Site uses includes a range of activity including retail, and warehouse uses. Of the range of uses, manufacturing uses produce the lowest level of waste generation; and used for conservatively estimating existing waste disposal at the Project Site. The waste generation rate and employee generation rate (2.36 employees per 1,000 square feet are taken from the same sources as used for restaurant estimate, cited above.

SOURCE: ESA, January 2017.

g) Comply with federal, state, and local statutes and regulations related to solid waste?

Less Than Significant Impact. Solid waste management in the State is primarily guided by the California Integrated Waste Management Act of 1989 (AB 939) which emphasizes resource conservation through reduction, recycling, and reuse of solid waste. AB939 establishes an integrated waste management hierarchy consisting of (in order of priority): 1) source reduction; 2) recycling and composting; and 3) environmentally safe transformation and land disposal. Additionally, the City is currently implementing its "Zero-Waste-to-Landfill" goal to achieve zero waste to landfills by 2025 to enhance the Solid Waste Integrated Resources Planning Process. Recycling efforts in the City in accordance with AB 939 achieved a solid waste diversion rate of 76.4 percent in 2011, the most recent year data is available.

The Project would be consistent with the applicable regulations associated with solid waste. Specifically, the Project would provide adequate storage areas in accordance with the City of Los

Angeles Space Allocation Ordinance (Ordinance No. 171,687), which requires that developments include a recycling area or room of specified size on the Project Site.[44] The Project's commercial uses would also be subject to the provisions of AB 1826, which requires businesses to recycle their organic waste. Further, the Project would comply with the City's Construction and Demolition Waste Recycling Ordinance, AB 939. Since the Project would comply with federal, State, and local statutes and regulations related to solid waste, a less than significant impact would occur and no mitigation measures would be required. No further analysis of this topic in an EIR is recommended.

XVIII. MANDATORY FINDINGS OF SIGNIFICANCE

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

Potentially Significant Impact. As discussed previously in the response to Checklist Question IV.a-f, the Project would not substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal. Also, the Project would not eliminate important examples of the major periods of California history or prehistory.

However, as discussed within this Initial Study, the Project could result in environmental impacts that have the potential to degrade the quality of environment as addressed herein. Potentially affected resources include Air Quality, Cultural Resources (Historical, Archaeological and Paleontological), Geology and Soils, Greenhous Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, Population and Housing, Public Services (Fire, Police, Schools, Parks, and Libraries), Recreation, Transportation/Traffic (Traffic and Access), Tribal Cultural Resources, and Utilities (Water and Wastewater). An EIR will be prepared to analyze and document these potentially significant impacts.

Potentially significant impacts on biological resources include construction impacts on protected nesting birds. However, a mitigation measure is provided in the Initial Study that would reduce this impact to a less than significant level. As such, impacts to biological resources will not be further addressed in the EIR.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Potentially Significant Impact. The potential for cumulative impacts occurs when the independent impacts of a given Project are combined with the impacts of related projects in

[44] *Ordinance No. 171,687 adopted by the Los Angeles City Council on August 6, 1997.*

proximity to the Project Site that would to create impacts that are greater than those of the Project alone. Related projects include past, current, and/or probable future projects whose development could contribute to potentially significant cumulative impacts in conjunction with a given project.

Each of the topics determined to have the potential for significant impacts within this Initial Study, will be subject to further evaluation in an EIR, including evaluation of the potential for cumulatively significant impacts. Topics for which Initial Study determinations were "No Impact," "Less Than Significant Impact", or "Less Than Significant With Mitigation Incorporated" have been determined not to have the potential for significant cumulative impacts, as discussed below.

With respect to potential contributions to cumulative impacts for agricultural resources, biological resources, and mineral resources: the Project Site is located in an urbanized area, and like the Project, other development occurring in the area would also constitute urban infill in already densely developed areas. The Project Site does not contain agricultural, sensitive biological, or mineral resources, and therefore Project implementation would not be expected to result in a considerable contribution to cumulatively significant impacts on these resources. Also, with respect to biological resources, the Project would implement Mitigation Measure MM-BIO-1, as stated under Checklist Question IV.d, which would ensure that potential impacts to nesting birds would be reduced to a less than significant level; avoiding potential contributions to cumulative impacts.

With respect to aesthetics, because the Project is a mixed-use residential project that would be located on an infill site within a Transit Priority Area, under SB 743, there would be no aesthetic impacts. Nonetheless, aesthetic impacts would still be analyzed in the EIR for informational purposes only.

The Project Site is not located in areas that are designated by the City or County to be Landslide areas, within a 100-year flood hazard area, inundation area, or a significant ecological area (SEA); therefore, the Project would have no impact and there would be no potential for cumulative impacts. Because the Project Site is already previously developed, approximately 100-percent impermeable, and served by existing wastewater infrastructure, there would be no Project or cumulative impact on septic tanks or the reduction of groundwater recharge. Since the Project Site is not located within two miles of an airport or within any flight paths, any cumulative impacts with regards to airports and air traffic would be less than significant. Impacts regarding dividing a community or displacing housing are site specific, and because the Project would have no impact on those issues, there would be no potential for cumulative impacts. Therefore, Project implementation would not be expected to result in a considerable contribution to cumulatively significant impacts for these resources. No further discussion of potential cumulative effects for these topics is required in the EIR.

With respect to other utilities, e.g. solid waste disposal, the provision of these services is regional in nature. The service providers have prepared forecasts of regional demand for these utilities and their ability to meet future demand. These are incorporated into the respective service providers' plans and strategies for meeting future needs. Utility provider plans are updated periodically to identify emerging shortfalls in service capacity not previously anticipated and develop strategies to accommodate any shortfalls. The plans address expected growth, which anticipates projected development within the service areas. The information contained in this Initial Study concerning

the ability of the solid waste service provider to meet the Project's needs supports the determination that future demand for solid waste disposal can be met for new growth and development, including the Project. The above analysis of solid waste is based on the CoIWMP 2015 Annual Report. The CoIWMP 2015 Annual Report indicates that the County's future Class III disposal needs, inclusive of cumulative development occurring within the County, can be adequately met through the 2030 planning horizon, with a remaining life for the Sunshine Canyon landfill (the primary facility serving the City) having a remaining life of 22 years. Therefore, the Project is not expected to result in cumulatively considerable contributions to cumulatively significant impacts as the result of solid waste disposal.

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

Potentially Significant Impact. As discussed in this Initial Study, the Project could result in potentially significant environmental impacts associated with Air Quality, Cultural Resources (Historical, Archaeological, and Paleontological), Geology and Soils, Greenhous Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, Population and Housing, Public Services (Fire, Police, Schools, Parks, and Libraries), Recreation, Transportation/Traffic (Traffic and Access), Tribal Cultural Resources, and Utilities (Water and Wastewater). An EIR will be prepared to analyze and document these potentially significant impacts. These impacts could have potentially adverse effects on human beings, and the EIR will provide further analysis of these impacts.

Arborist Street Tree Report

November 20, 2017

Report Prepared on Behalf of:
Mr. Elliot Kahn
1045 Olive LLC
1800 Century Park East, Suite 420
Los Angeles, California 90067

Project Location:
1045 S Olive St
Los Angeles, CA 90015

Prepared by:
Evergreen Arborist Consultants, Inc.
Michael Green
Registered Consulting Arborist No.: 602
Certified Arborist No.: WE9464A
ISA Qualified Tree Risk Assessor
California Licensed Landscape Contractor
5670 Wilshire Blvd. Suite 1800
Los Angeles, CA 90036
310.913.5203

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1.0 Introduction

This arborist report discusses the impact of the proposed construction of a mixed use residential building near the trees on the property located at 1045 S Olive, Los Angeles, CA. The property has no trees existing on the site. However, there are four ficus microcarpa and 1 pink trumpet off-site (OS) street trees located on S Olive St (see Matrix of Trees). All five trees are proposed for removal. The project also includes installing 15 - 36" box Common hackberry trees or suitable species (see Attachment D - Landscape Plan).

Limits of Agreement

My examination of the trees is based on my visual inspection. My site examination and the information in this report is limited to the date and time the inspection occurred. The information in this report is limited to the condition of the trees at the time of my inspection. My examination is not considered as a tree risk assessment. This report is not intended as and does not represent legal advice and should not be relied upon to take the place of such advice.

Purpose and Use of Report

Mr. Kahn engaged the services of Michael Green to evaluate street trees and prepare a report in accordance with the City of Los Angeles Bureau of Street Services Urban Forestry Division. This report presents my observations and opinions concerning the street trees. Information in this report is limited to the condition of the trees during my inspection on October 15, 2016. The report is to be used by Mr. Kahn at his discretion.

2.0 Background and Project Description

The property is located on six lots combining for a total pre-dedicated square footage that is approximately 41,603 sq. ft. located in a commercial neighborhood. Post-dedicated, the property would be approximately 37,172 sq. ft. The site consists of existing mixed retail shops. The proposed footprint at grade is the entire property except for dedications along the alley, 11th St. and Olive St., as well as a 3-ft. wide easement along 11th St. extending 5-ft. below grade and 40 ft. above grade.

The ficus and pink trumpet trees are depicted on the attached Site Plan shown with tree I.D. numbers and are field tagged. All the trees are numbered as trees #OS-1 through #OS-5, with the ficus and pink trumpet trees listed as street trees. Trees #OS-1 through #OS-5 are proposed for removal due to the construction of the building and reconstruction of the sidewalk for the project. There are also two empty tree wells along the 11th street frontage. The topography of

the site is flat. The proposed mixed use residential building was not under construction at the time of my inspection.

3.0 Observations

Each listed tree is assigned "Good," "Fair," "Poor" or "Dead/Dying" condition rating as a means to cumulatively measure their physiological health, structural integrity, anticipated life span, location, size, and specie type. A description of these ratings with the assigned tree numbers are presented below.

Good: These trees appear in overall good health, seem structurally stable, and have a high potential of providing long-term contribution to the site. They are the most suitable for retention and protection.

Applies to trees #OS-1 through #OS-5.

Fair: These trees require frequent care throughout their remaining life span, and provide less significance to the site than those assigned a high suitability. They may be worthy of retention, but not at the expense of significant design revisions.

Applies to no trees.

Poor: These trees are predisposed to irreparable health and structural problems that are expected to worsen regardless of measures employed. They are the most suitable for removal.

Applies to no trees.

Dead or dying: Applies to no trees.

Grading and construction

Construction is occurring near trees #OS-1 through #OS-5. The impact to the street trees is very significant because the trees' structural roots will be disturbed[1] as a result of the proposed reconstruction of the existing sidewalk.

[1] http://www.gufc.org/wp-content/uploads/2009/08/Trees-Critical-Root-Zones-and-Construction.pdf

Matrix of Trees

Tree no.	Tree Tag	Tree	Species	Condition	DBH - Inches	Height - Feet	Canopy Width - Feet	Suitability for Preservation	Fencing Type	Tree Fencing Demensions	Recommendation	Mitigation
OS-1	1	Ficus microcarpa	*Indian Laurel Fig*	Good	20"	40'	38' x 40'	Low	NA	NA	Remove	Replace with one 36" box Common hackberry (Celtis occidentalis) or suitable species
OS-2	2	Ficus microcarpa	*Indian Laurel Fig*	Good	20"	40'	40' x 40'	Low	NA	NA	Remove	Replace with one 36" box Common hackberry (Celtis occidentalis) or suitable species
OS-3	3	Ficus microcarpa	*Indian Laurel Fig*	Good	21"	40'	40' x 40'	Low	NA	NA	Remove	Replace with one 36" box Common hackberry (Celtis occidentalis) or suitable species
OS-4	4	Ficus microcarpa	*Indian Laurel Fig*	Good	16"	40'	40' x 36'	Low	NA	NA	Remove	Replace with one 36" box Common hackberry (Celtis occidentalis) or suitable species
OS-5	5	Pink Trumpet Tree	*Tabebuia impetiginosa*	Good	1"	10'	5' x 5'	Low	NA	NA	Remove	Replace with one 36" box Common hackberry (Celtis occidentalis) or suitable species

No trees are proposed for perseveration; however, tree protection measures are provided in this report.

4.0 Tree Protection Measures

Recommendations presented within this section serve as general design guidelines to help mitigate or avoid damage in conformance with the City requirements. They are subject to revision upon reviewing the project plans and the Project Arborist should be consulted in the event any cannot be feasibly implemented. Please note any referenced distances from trunks are intended from the closest edge (face) of their outermost perimeter at soil grade.

4.1 Design Guidelines

1. In the TPZ, all trenching, soil scraping, compaction, mass grading, finish-grading, over excavation, sub excavation, swales, bio swales, storm drains, equipment cleaning, stockpiling/dumping of materials, and equipment operation shall be avoided. Where an impact encroaches slightly within a setback, it can be reviewed on a case-by-case basis by the Project Arborist to determine appropriate mitigation measures.

2. All existing unused lines, pipes, and vaults within the TPZ should be abandoned and cut off at existing grade rather than being dug up and causing subsequent root damage.

3. The permanent and temporary drainage design, including downspouts, should not require water being discharged within the TPZ. The drainage should not require trenching for storm drains or swales within the TPZ.

4. Underground utilities and services should be routed beyond the TPZ. Where this is not feasible, the section of line(s) within the TPZ should be directionally bored by at least 4 feet below existing grade or installed by other means to avoid open trench.

5. The future staging area and route(s) of access should not be in TPZ.

6. Restrict spoils and runoff from traveling into root zones, the future erosion control design should establish any silt fencing or straw wattles away from the tree's trunk (not against it) and as close to the canopy's edge as possible.

The proposed landscape design should conform to the following additional guidelines:

7. Plant material installed beneath the canopies of the protected trees, if applicable, must be appropriate and planted at least 3 feet from the trunk.

8. Irrigation should not spray the trunk.

9. Irrigation, valves, and lighting features should be placed so that no trenching occurs within the TPZ.

10. New property fencing and fence posts should be placed at least 2 feet from the tree trunk.

11. Groundcover beneath the canopy should be comprised of a 5" layer of wood chips or other high quality mulch. Keep mulch at least 6 inches from trunk.

12. Tilling, ripping, and compaction within the TPZ should be avoided.

13. Bender board or other edging material proposed beneath the canopy should be placed at existing grade.

14. Roots with diameters of 2 inches or greater should not be damaged or cut without prior assessment of the Project Arborist. An hourly rate shall be charged for these inspections.

Required fencing should not be removed until completion of project.

4.2 During Demolition and Construction

1. Tree trunks shall not be used as winch supports for moving or lifting heavy loads.

2. The removal of existing features within the TPZ must be carefully performed to avoid excavating into root zones.

3. Roots with diameters of 2 inches or greater should not be damaged or cut without prior assessment of the Project Arborist. An hourly rate shall be charged for these inspections.

4. Supplemental water will be needed to help mitigate root loss/disturbance.

5. Spoils created during digging shall not be piled or spread on unpaved ground within the TPZ.

6. Digging holes for fence posts within the TPZ should be manually performed. In the event a root of 2 inches or greater in diameter is encountered, the process should be shifted over by 12 inches and the process repeated.

7. Great care must be taken by equipment operators to position their equipment to avoid the trunks of protected trees. The Project Arborist can be consulted to provide a feasible solution if needed.

8. Dust accumulating on trunks and canopies during dry weather periods and should be periodically washed away every 3 to 4 months. Dust accumulating on trunks and canopies after grading should also be washed at the completion of the grading.

9. The disposal of harmful products is prohibited beneath the canopies. Herbicide should not be used within a TPZ on site or should be labeled for safe use near trees.

4.3 Soil Compaction

Soil compaction is a complex set of physical, chemical, and biological constraints on tree growth. Principal components leading to limited growth are the loss of aeration and pore space, poor gas exchange with the atmosphere, lack of available water, and mechanical impedance of root growth. Soil compaction is considered to be the largest single factor responsible for the decline of trees on construction sites.

4.4 Grading Limitations within the Tree Protection Zone

1. Lowering the grade around trees can have an immediate and long-term effect on trees. Typically, most roots are within the top 3 feet of soil, and most of the fine roots active in water and nutrient absorption are in the top 12 inches.

2. Grade changes within the TPZ are not permitted. Tilling, ripping, and compaction within the TPZ should be avoided.

3. Grade changes outside the TPZ shall not significantly alter drainage.

4. Grade changes under specifically approved circumstances shall not allow more than 6 inches of fill soil or allow more than 4 inches of existing soil to be removed from natural grade, unless mitigated.

5. Grade fills over 6 inches or impervious overlay shall incorporate an approved permanent aeration system, permeable material, or other approved mitigation.

6. Grade cuts exceeding 4 inches shall incorporate retaining walls or an appropriate transition equivalent.

5.0 Mitigation Plan

A total of four ficus trees, trees #OS-1 through OS-4, and one pink trumpet tree, #OS-5 are proposed for removal. The City of Los Angeles Bureau of Street Services Urban Forestry Division calls for a street tree replacement of 1:1, I recommend five 36-inch box replacement mitigation common hackberry trees or suitable species (see Attachment D- Landscape Plan). However, a total of 15-36-inch Common hackberry (*Celtis occidentalis*) trees or suitable species are proposed for planting.

6.0 Conclusions

In my professional opinion, the project may proceed if the following conditions are met:

1. Trees #OS-1 through #OS-5 will be significantly impacted by the proposed construction of the building and reconstruction of the sidewalk and are not suitable for preservation.

2. This report is part of the set of plans given to the contractor. The contractor should be familiar with the specific instructions and responsibilities pertaining to street trees. It is recommended that a professional arborist be retained and meet with the contractor and his personnel prior to commencement of the project.

7.0 Recommendations

1. This report is part of the set of plans given to the contractor. The contractor should be familiar with the specific instructions and responsibilities pertaining to street trees.

2. Trees #OS-1 through #OS-5 will be significantly impacted by the proposed construction of the building and reconstruction of the sidewalk and are not suitable for preservation; as a result, they should be removed. Their removal should be mitigated by five replacement 36-inch box Common hackberry trees or suitable species.

3. Street trees should not be removed until approval is granted by the City of Los Angeles' Bureau of Street Services Urban Forestry Division.

4. If additional site inspections by the Project Arborist are required, an hourly rate is charged.

Fenced enclosures should be erected around trees to be protected. This will achieve three primary goals:

(1) Keep crowns and branching structure clear from contact by equipment, materials, and activities.
(2) Preserve roots and soil condition in an intact and non-compacted state.
(3) Identify the Tree Protection Zone in which no soil disturbance is permitted and activities are restricted, unless otherwise approved by the Project Arborist.

A 'Warning' sign should be prominently displayed on each protective enclosure. The sign will be a minimum of 8.5 inches x 11 inches and clearly state the following:

TREE PROTECTION ZONE
This Fence Shall Not be Removed

A Type II Tree Protection Fence should be preserved throughout the duration of the project. The fences should enclose the area under the canopy drip line or TPZ.

8.0 Definitions

1. Basal flair or root crown means the tree trunk where it emerges from the root system and flairs out to create the base of the tree.
2. Canopy means the area of a tree that consists primarily of branches and leaves.
3. Drip line means the outermost area of the tree canopy (leafy area of tree).
4. Root Protection Zone means the area within a circle with a radius equal to the greatest distance from the trunk to any overhanging foliage in the tree canopy.
5. Diameter at Breast Height (DBH) or Diameter at Standard Height means the diameter of the perimeter tree trunk at 4.5 feet (or 54 inches) above natural grade level. The diameter may be calculated by using the following formula: DBH = circumference at 4.5 feet x 3.142 (D=C x Pi).
6. Disturbance refers to all of the various activities from construction or development that may damage trees.
7. Drip line area means the area within X distance from the trunk of a tree, measured from the perimeter of the trunk of the tree at 54 inches above natural grade, where X equals a distance ten times the diameter of the trunk at 54 inches above natural grade.
8. Excessive Pruning means: removing in excess, one-fourth (25 percent) or greater, of the functioning leaf, stem or root area. Pruning in excess of 25 percent is injurious to the tree and is a prohibited act. Excessive pruning typically results in the tree appearing as a ‘bonsai’, ‘lion’s-tailed’, ‘lolly-popped’ or overly thinned.
9. Root pruning may include the cutting of any root 2 inches or greater in diameter and/or severing in excess of 25 percent of the roots. Roots can only be pruned outside the drip line.
10. Structural defect means any structural weakness or deformity of a tree or its parts. A tree with a structural defect can be verified to be hazardous by a certified arborist.

Fencing

The fence should enclose the area under the canopy drip line or TPZ of the tree to be saved throughout the life of the project, or until final improvement work within the area is required, typically near the end of the project. Tree fencing should be erected before demolition, grading or construction begins.

WARNING SIGN POSTED TO FENCING

This warning sign shall be posted to the fencing. A warning sign shall be prominently displayed on the fence. The sign shall be a minimum of 8.5 x 11 inches and clearly state: WARNING - Tree Protection Zone - This fence shall not be removed according to Los Angeles Municipal Code (LAMC) Section 17.02. For illustration purposes only

Type II Tree Protection. For trees situated within a narrow planting strip, only the planting strip shall be enclosed with the require protective fencing in order to keep the sidewalk and street open for public use. Contractor is responsible for protecting roots.

For illustration purposes only.

No Dumping Allowed Around the Street Tree

USE OF HERBICIDE IS NOT ALLOWED WITHIN 20 FEET OF THE TREE'S DRIPLINE. Storage or parking vehicles, building materials, refuse, excavated materials spoils or dumping of poisonous materials on or around trees and roots. Poisonous materials include, but are not limited to, paint, petroleum products, concrete or stucco mix, dirty water or any other material which may be deleterious to tree health.

Attachment A – Aerial Image

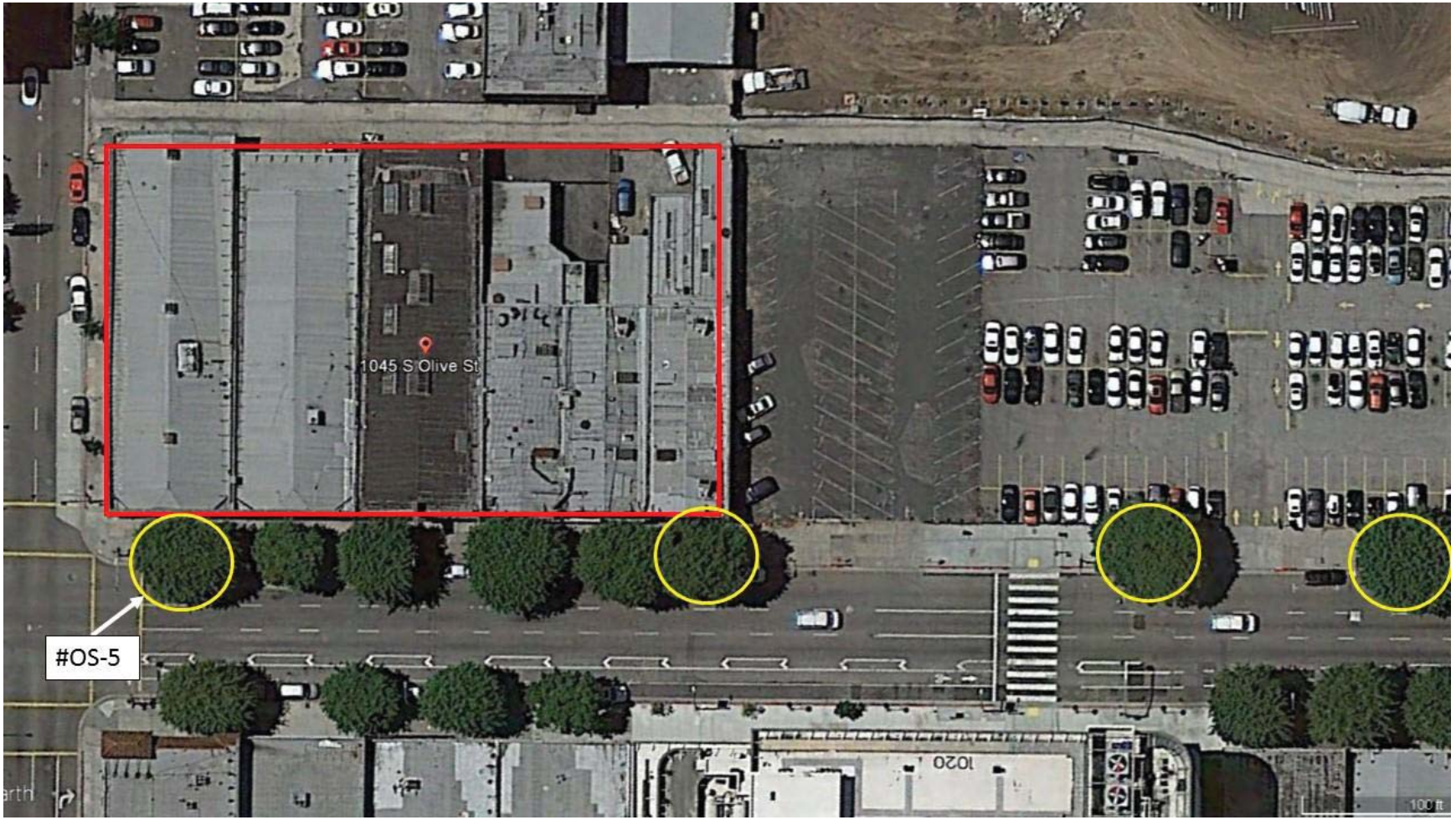


Figure 1. Google Earth Aerial April 23, 2014 depicting the four ficus trees (yellow circles) that existed prior to my site inspection on October 15, 2016 but were removed to allow for new construction. A very large ficus tree with destructive roots existed at the location of tree #OS-5, pink trumpet tree. The tree appears to have been removed to accommodate the construction of a renovated sidewalk. Approximate property boundary outlined in red.

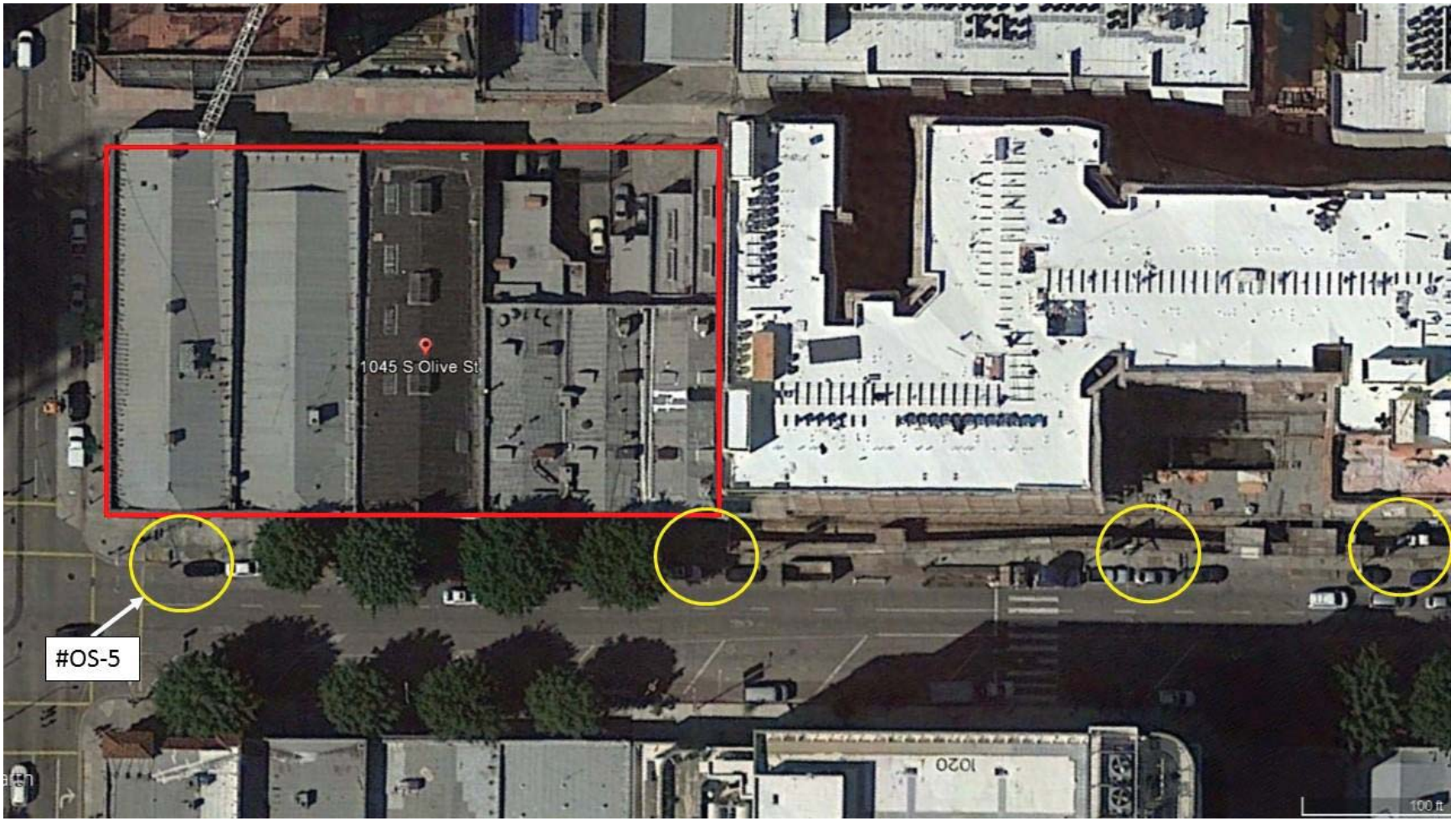
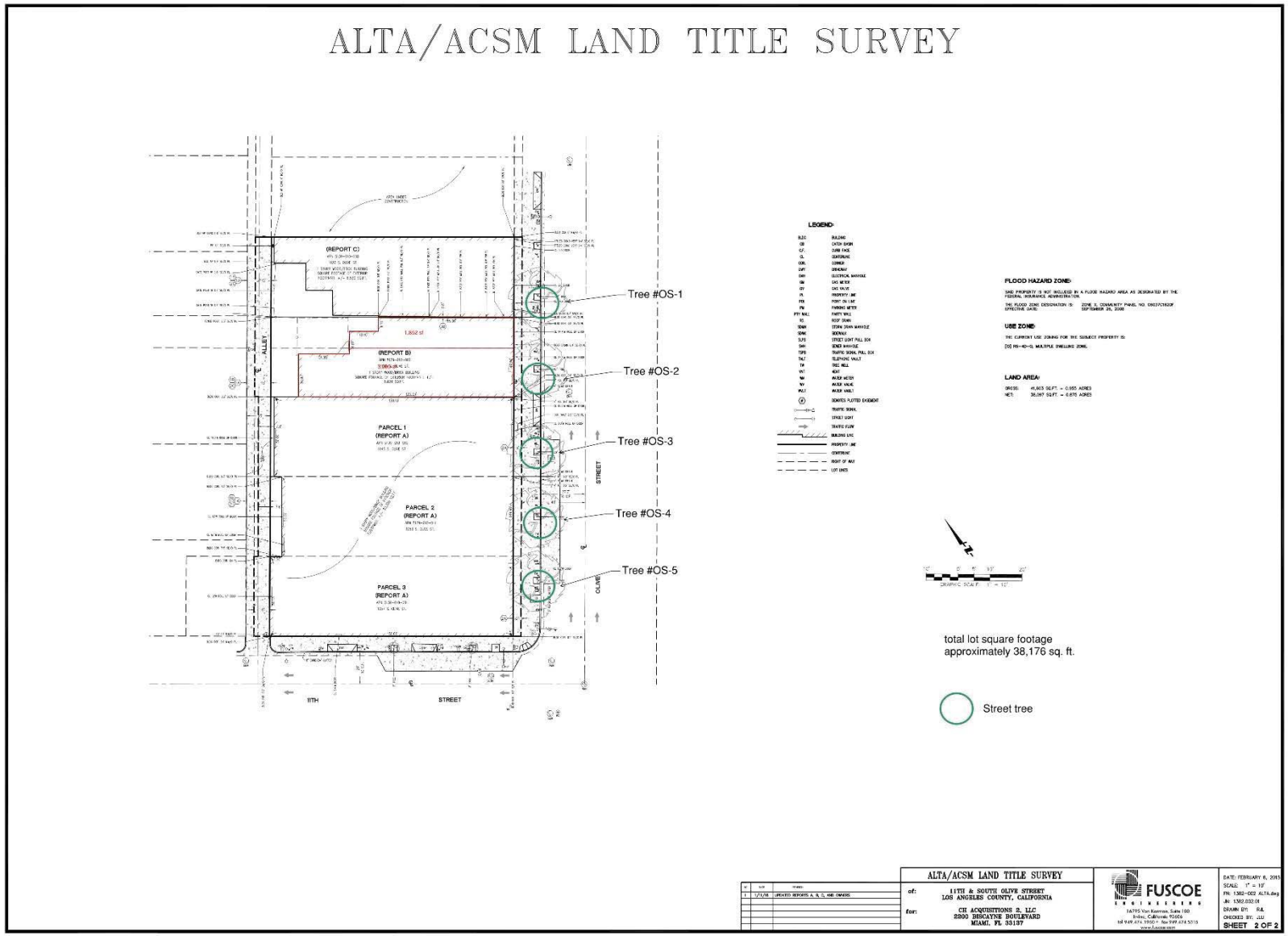
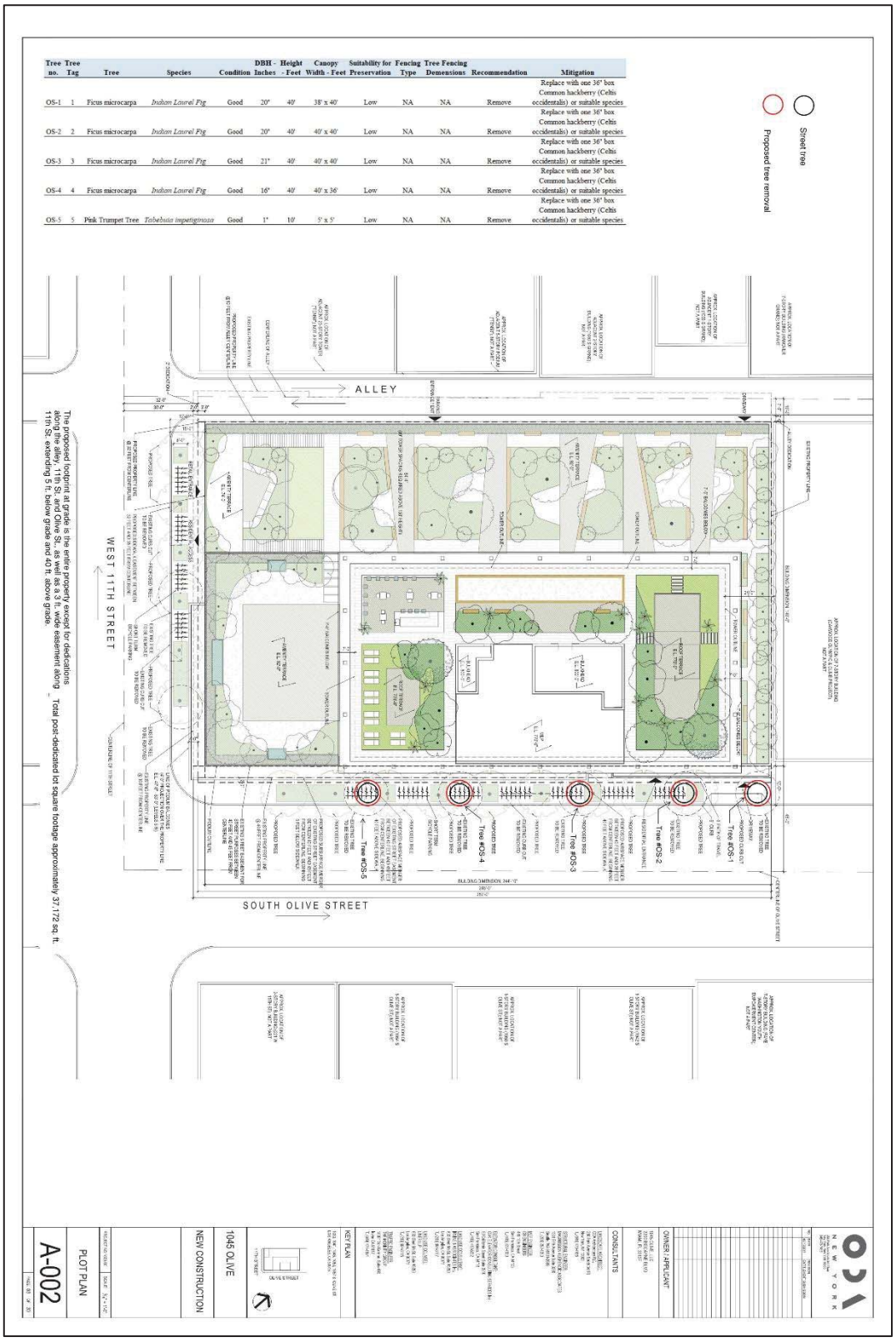


Figure 2. Google Earth Aerial February 2, 2016 depicting the location of the four prior existing ficus trees (yellow circles). A very large ficus tree with destructive roots existed at the location of tree #OS-5, pink trumpet tree. The tree appears to have been removed to accommodate the construction of a renovated sidewalk. Approximate property boundary outlined in red.

Attachment B – Topographical Survey

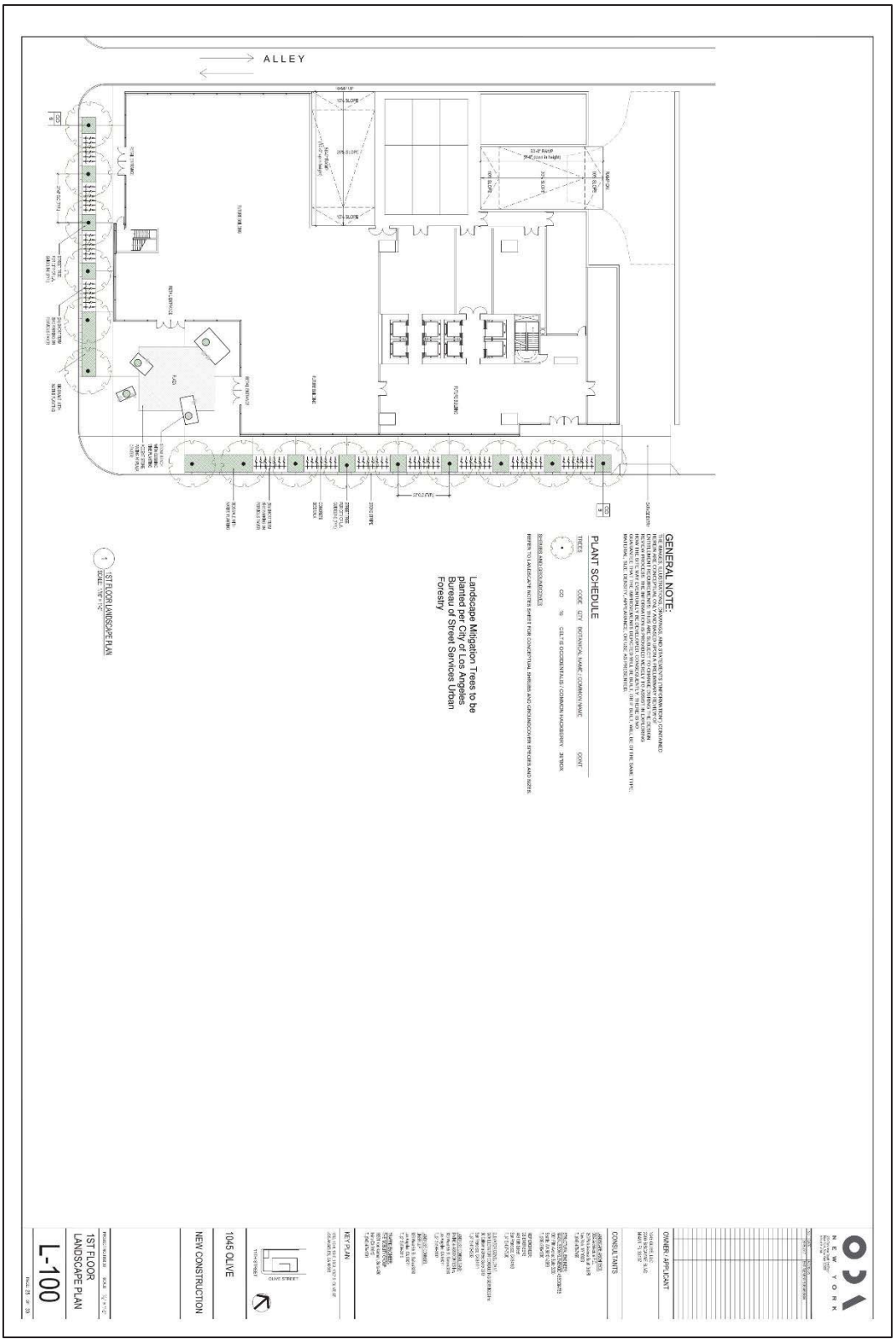


Attachment C – Plot Plan



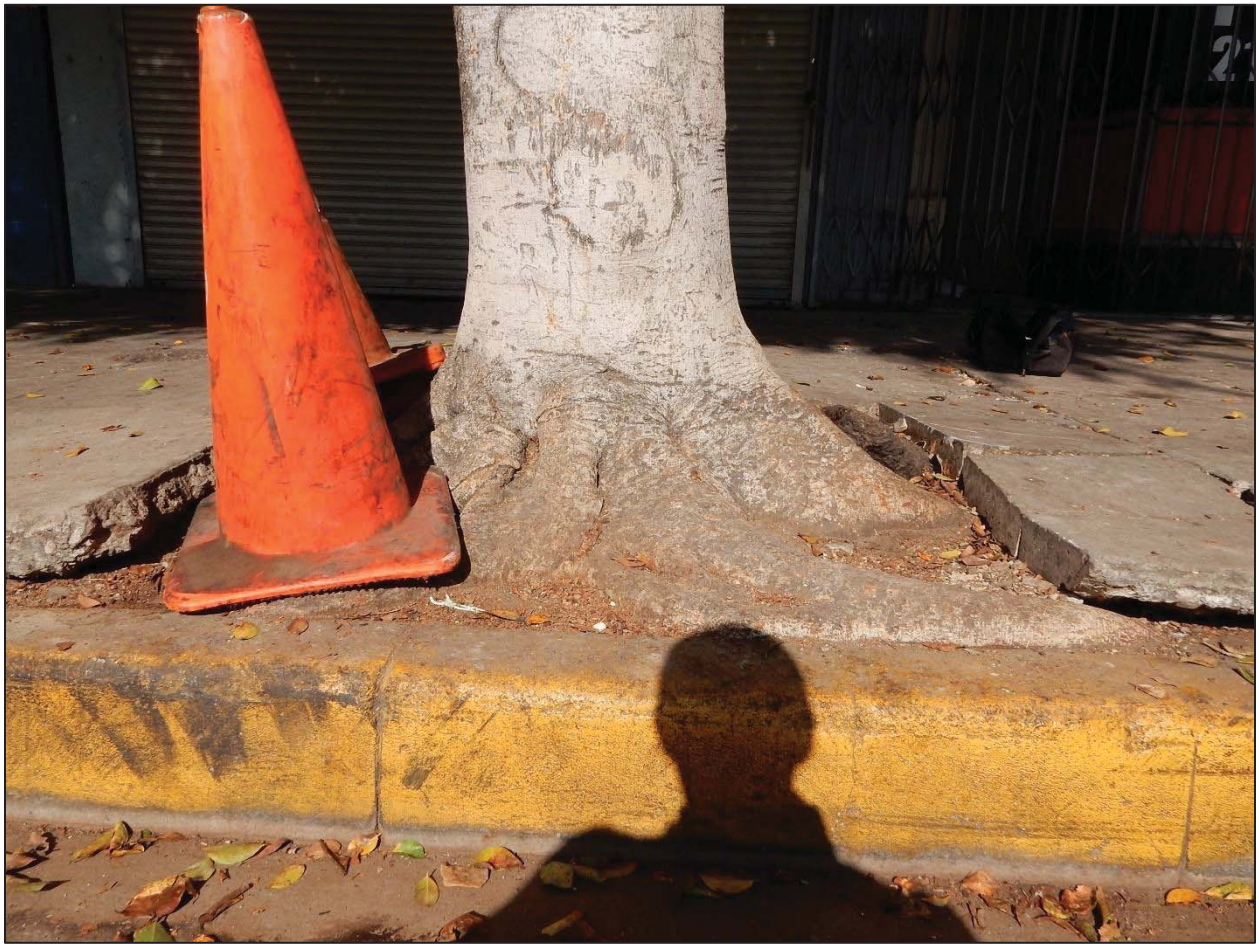
Tree no.	Tree Tag	Tree	Species	Condition	DBH - Inches	Height - Feet	Canopy Width - Feet	Suitability for Preservation	Fencing Type	Tree Fencing Demensions	Recommendation	Mitigation
OS-1	1	Ficus microcarpa	*Indian Laurel Fig*	Good	20"	40'	38' x 40'	Low	NA	NA	Remove	Replace with one 36" box Common hackberry (Celtis occidentalis) or suitable species
OS-2	2	Ficus microcarpa	*Indian Laurel Fig*	Good	20"	40'	40' x 40'	Low	NA	NA	Remove	Replace with one 36" box Common hackberry (Celtis occidentalis) or suitable species
OS-3	3	Ficus microcarpa	*Indian Laurel Fig*	Good	21"	40'	40' x 40'	Low	NA	NA	Remove	Replace with one 36" box Common hackberry (Celtis occidentalis) or suitable species
OS-4	4	Ficus microcarpa	*Indian Laurel Fig*	Good	16"	40'	40' x 36'	Low	NA	NA	Remove	Replace with one 36" box Common hackberry (Celtis occidentalis) or suitable species
OS-5	5	Pink Trumpet Tree	*Tabebuia impetiginosa*	Good	1"	10'	5' x 5'	Low	NA	NA	Remove	Replace with one 36" box Common hackberry (Celtis occidentalis) or suitable species

Attachment D – Landscape Plan



Attachment E – Site Photos

Tree no. OS-1



Extensive surface roots from ficus tree no. OS-1 that are causing destructive damage to surrounding sidewalk and city hardscape.

Tree no. OS-2

Extensive surface roots from ficus tree no. OS-2 that are causing destructive damage to surrounding sidewalk and city hardscape.

Extensive surface roots from ficus tree no. OS-2 that are causing destructive damage to surrounding sidewalk and city hardscape.

MARGARET CHO
THE WOMEN'S LIST
TIMOTHY GREENFIELD-SANDERS
IDENTITY
SEPT 24, 2016 — FEB 26, 2017
AMERICAN SPACE FOR PHOTOGRAPHY

Tree no. OS-3

Extensive surface roots from ficus tree no. OS-3 that are causing destructive damage to surrounding sidewalk and city hardscape.

Extensive surface roots from ficus tree no. OS-3 that are causing destructive damage to surrounding sidewalk and city hardscape.

Extensive surface roots from ficus tree no. OS-3 that are causing destructive damage to surrounding sidewalk and city hardscape.

Tree no. OS-4

Extensive surface roots from ficus tree no. OS-4 that are causing destructive damage to surrounding sidewalk and city hardscape.

Tree no. OS-5.

This photo, dated March 2015, depicts the ficus tree that existed prior to the planting of the current street tree no. OS-5 pink trumpet tree. The previously existing ficus tree had extensive surface roots that were causing damage to surrounding sidewalk and city hardscape.

Report Prepared by:

Michael Green

This arborist report is prepared by Michael Green. He has over 10 years of experience in the landscape industry. His background includes hands-on experience in tree care, plant health care, landscape maintenance, landscape construction, and irrigation design and water management. His experience in the landscape industry makes him an excellent choice for preserving trees during construction. He has a bachelor's of science degree in agribusiness from California State Polytechnic University, San Luis Obispo.

Certifications, Licenses, and Professional Associations

Registered Consulting Arborist No.: 602, American Society of Consulting Arborists (ASCA)
Certified Arborist, International Society of Arboriculture (ISA)
Certified Irrigation Auditor (IA)
Licensed California Landscape Contractor (C-27)
California Licensed Pesticide Applicator, (QAL)
Tree Risk Assessment Qualified (ISA)

Assumptions and Limitations

My field methods are evaluated with a 100 percent ground visual survey. No climbing, excavating, coring, boring, sounding of the trunk, or drilling was performed. Trees that require an additional inspection for risk and hazard evaluation beyond the visual ground inspection will be billed under a separate proposal. All inspections are visual ground inspections and are not considered as a risk inspection. No digging, root collar excavation, drilling, coring, or climbing was performed. A risk assessment includes but not be limited to a root collar excavation, climbing the tree, and further examining the upper side of branches and upper trunk and stems. My site examination and the information in this report are limited to the date and time the inspection occurred. The information in this report was limited to the condition of the trees during my inspection.

Additional inspection(s) require a separate agreement between both parties in writing. Site inspections only provide a "snapshot" of the tree. Changes in environmental conditions such as but not limited to construction, surrounding site changes, flooding, root damage, fires, pruning practices, lack of maintenance, grade changes, and wind can impact the tree's conditions, structure, safety, risk factor, and health, etc. A consulting arborist cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways we do not fully understand. Conditions are often hidden within trees and/or below ground under the tree. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances or for a specified period of time. Likewise, remedial treatment does not guarantee

outcome or results. The web provides numerous tree risk assessment sites that offer tips for tree care and detecting and/or identifying potential tree hazards. If the client believes the tree's condition has changed since the date of this inspection, the arborist should be contacted ASAP. Future inspections, canopy inspections, and root collar examinations are under the client's discretion.

Evergreen Arborists Consultants, Inc., its employees, or related companies, makes no guaranties, express or implied to the trees health, risk, hazard, condition, potential for failure or future condition. Evergreen Arborists Consultants, Inc., its employees shall not be liable to client/owner or any other party(s) for loss of property, loss of life, loss of use, loss of profits or income(s), special damages, incidental damages, consequential damages, incidental damages, or damages arising from the failure of inspection(s) or weather conditions. The client shall hold this arborist harmless against any and all claims for injuries to persons or property on the premises.

A consulting arborist is a tree specialist who uses their education, knowledge, training, and experience to examine trees, recommend measures to enhance the beauty and health of trees and attempt to reduce the risk of living near trees. Clients may choose to accept or disregard the recommendations of the arborist or seek additional advice. Any treatment(s), such as pruning and removal of trees, but not limited to, property boundaries, property ownership, site lines, disputes between neighbors, landlord-tenant matters, etc. are beyond the scope of this work. This arborist relies and accepts information from his client to be complete and accurate. The client hiring this arborist accepts full responsibility for authorizing the recommended treatment(s) or remedial measure(s) and holds this arborist harmless. Trees can be managed, but they cannot be controlled. To live near a tree is to accept some degree of risk. The only way to eliminate all risks is to eliminate all trees.

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PHASE I AND LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT 1033 TO 1057 SOUTH OLIVE STREET CITY OF LOS ANGELES, LOS ANGELES COUNTY, CALIFORNIA

Prepared For:

1045 OLIVE, LLC

2200 Biscayne Boulevard
Miami, Florida 33137

Project No. 11202.001

January 26, 2016

Leighton and Associates, Inc.
A LEIGHTON GROUP COMPANY

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A LEIGHTON GROUP COMPANY

January 26, 2016

Project No. 11202.001

1045 Olive, LLC
2200 Biscayne Boulevard
Miami, Florida 33137

Attention: Mr. Michael Sheitelman

Subject: Phase I and Limited Phase II Environmental Site Assessment
1033 to 1057 South Olive Street
City of Los Angeles, Los Angeles County, California

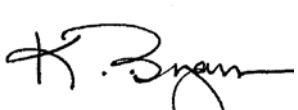
Leighton and Associates, Inc. (Leighton) is pleased to present this Phase I and Limited Phase II Environmental Site Assessment (ESA) for the properties located at 1033 to 1057 (odd numbers only) South Olive Street in the City of Los Angeles, Los Angeles County, California (subject site). The Los Angeles County Assessor's Office identifies the subject site as Assessor Parcel Numbers (APN) 5139-010-001, -011, -010, -002, and -008. Leighton declares that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 Code of Federal Regulations (CFR) 312, and the ASTM International E1527-13.

Leighton has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject site. Leighton has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

If you have questions regarding this report, please contact us. We appreciate the opportunity to be of service to Lennar Multifamily Communities, LLC.

Respectfully submitted,

LEIGHTON AND ASSOCIATES, INC.



Meredith Church, PG 8326
Senior Project Geologist

Kevin Bryan, PG, CEG 2182
Sr. Principal Geologist

Distribution: (1 pdf) Addressee

17781 Cowan ▪ Irvine, CA 92614-6009
949.250.1421 ▪ 949.250.1114 Fax

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Leighton

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1.0 INTRODUCTION

1.1 Authorization

Leighton and Associates, Inc. (Leighton) performed a Phase I and Limited Phase II Environmental Site Assessment (ESA) for the properties located at 1033 to 1057 (odd numbers only) South Olive Street in the City of Los Angeles, Los Angeles County, California (referred to as the subject site) in accordance with 1045 Olive, LLC's authorization.

1.2 Purpose

The purpose of the Phase I and Limited Phase II ESA was to identify, to the extent feasible and pursuant to the processes prescribed in ASTM International (ASTM) E1527-13, recognized environmental conditions (RECs), historical RECs (HRECs), or controlled RECs (CRECs) in connection with the subject site.

- RECs are defined, according to ASTM E1527-13 as "*the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not RECs.*"

- HRECs are defined, according to ASTM E1527-13 as "*a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.*"

- CRECs are defined, according to ASTM E1527-13 as "*a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.*" (ASTM E1527-13, 2013).

1.3 Scope of Work

The scope of work was performed in accordance with Leighton's proposal and included the following tasks:

- A reconnaissance-level visit of the subject site for evidence of the release(s) of hazardous materials and petroleum products and to assess the potential for onsite releases of hazardous materials and petroleum products;
- Records review, including review of previous environmental reports, selected governmental databases, and historical review;
- Interviews;
- Limited Phase II ESA; and
- Preparation of a report presenting our findings.

1.4 Significant Assumptions

Leighton assumes that the purpose of this Phase I ESA is to provide appropriate inquiry into the previous ownership and use of the subject site so that the Client may qualify for the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) landowner liability protections as defined in CERCLA, 42 USC §9601(35)(B). Leighton also assumes that the information provided by the Client and its agents, regulatory database provider, and regulatory agencies is true and reliable.

1.5 Limitations and Exceptions

Site-specific activities performed by Leighton and information collected regarding these activities are summarized in the following sections. The findings of this assessment are presented in Section 8.0. Opinions and conclusions drawn by Leighton, based on the information collected as part of the Phase I and Limited Phase II ESA are presented in Sections 9.0 and 10.0, respectively. References are included as Appendix A. Site Photographs are presented in Appendix B. Client Supplied documentation is included as Appendix C. Research of Environmental Liens is documented in Appendix D. The Environmental Radius Report is included as Appendix E. Regulatory records requests and responses are included as Appendix F. Historical documentation is provided in Appendix G. The laboratory report for the Limited Phase II ESA is provided in Appendices H.

This Phase I and Limited Phase II ESA was conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions.

The earliest data acquired for the subject site indicating past property usage was from 1888. There were intermittent gaps throughout the data collected, where historical property uses are unknown or uncertain; however, based on the subsequent subsurface environmental investigations, data gaps in subject site history use are not expected to alter the conclusions or recommendations of this report.

At the time of this investigation, the subject site was 95% covered with structures. Within the structures, approximately 70% of portions of the ground surface was unobservable due to storage racks, warehousing materials, and retail items. There is a potential for encountering unknown conditions due to the limited access restricting observations and investigation on the subject site.

The observations and conclusions presented in this report are professional opinions based on the scope of activities, work schedule, and information obtained through the Phase I and Limited Phase II ESA described herein. Opinions presented herein apply to property conditions existing at the time of our study and cannot necessarily be taken to apply to property conditions or changes that we are not aware of or have not had the opportunity to evaluate. It must be recognized that conclusions drawn from these data are limited to the amount, type, distribution, and integrity of the information collected at the time of the investigation, the methods utilized to collect and evaluate the data, and that a full and complete determination of environmental risks cannot be made. Although Leighton has taken steps to obtain true copies of available information, we make no representation or warranty with respect to the accuracy or completeness of this information.

This practice does not address whether requirements in addition to all appropriate inquiry (AAI) have been met in order to qualify for the landowner liability protections including the continuing obligation not to impede the integrity and effectiveness of activity and use limitations, or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations. Users should also be aware that there are likely to be other legal obligations with regard to hazardous substances or petroleum products

discovered on the subject site that are not addressed in this practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

1.6 Special Terms and Conditions

The scope of work for this Phase I and Limited Phase II ESA did not include non-scope considerations, such as, but not limited to, those listed in Section 13 of ASTM 1527-13. The scope of work did not include testing of electrical equipment for the presence of polychlorinated biphenyls (PCBs) or collection of other environmental samples such as water, building materials, paint, or other media (with the exception of soil and soil vapor as part of the Limited Phase II ESA); assessment of natural hazards such as naturally occurring asbestos, radon gas, or mold; assessment of the potential presence of radionuclides, biological agents, or lead in drinking water; assessment of indoor air quality, or assessment of nonchemical hazards such as the potential for damage from earthquakes or floods, or the presence of endangered species or wildlife habitats. This Phase I ESA also did not include an extensive assessment of the environmental compliance status of the subject property or of businesses operating at the subject property, or a health-based risk assessment.

1.7 User Reliance

This report is for the exclusive use of 1045 Olive, LLC, a Delaware Limited Liability Company. Use of this report by any other party shall be at such party's sole risk.

1.8 Important Information About Geoenvironmental Reports

The Client is referred to Appendix I regarding important information provided by the Geoprofessional Business Association (GBA) on geoenvironmental studies and reports.

2.0 SITE DESCRIPTION

2.1 Location and Description

The subject site is located north of the intersection of South Olive Street and West 11th Street, in the City of Los Angeles, Los Angeles County, California (Figure 1, Site Location Map). The subject site is currently addressed 1035, 1039, 1041, and 1057 South Olive Street. Historically the property has included addresses from 1033 through 1059 South Olive Street (odd only) and 315 West 11th Street. The Los Angeles County Assessor's office identifies the subject site with APNs 5139-010-001, -011, -010, -002, and -008. The table below summarizes the APN and address information associated with the subject site:

APN	Current Address	Historical Addresses
5139-010-001	1035 & 1035-A S Olive St	1033, 1035, 1037, 1039* S Olive St
5139-010-011	1039 & 1041 S Olive St	1041, & 1043 S Olive St
5139-010-010	1045** S Olive St	1047 & 1049 S Olive St
5139-010-002	1053 S Olive St	1053 & 1055 S Olive St
5139-010-008	1057 S Olive St	1057 S Olive St; 315 W 11th St

*According to Sanborn Maps, 1039 appears to have been the former address for the unit currently located at 1037A South Olive Street. 1039 South Olive Street is the current address for the unit to the southwest located on APN 5139-010-011.

**The Los Angeles County Assessor's Office website identifies the primary address for this parcel as 1045 South Olive Street; however, the City of Los Angeles Zoning Information and Map access System (ZIMAS) website and NavigateLA website identifies it as the address associated with 5139-010-011. 1047 and 1049 South Olive Street is identified as the only addresses associated with 5139-010-010 according to ZIMAS and NavigateLA.

A legal description and parcel map for the subject property is contained within lien documents that are included as Appendix D.

2.2 Subject Property and Vicinity General Characteristics

The subject site and general vicinity is located in a mixed use commercial and residential urban area in downtown Los Angeles.

2.3 Current Use of the Subject Property

Address	Current Property Use	Property use in 2014
1035 S Olive St	C.I. Printing	C.I. Printing
1035-A S Olive St	Vacant	Vacant
1039 S Olive St	Vacant, storage by tenant at 1041 S Olive St	Dave Berger & Sons Footwear (shoe sales)
1041 S Olive St	Oficina Chahin – Immigration office and tax preparation, to be vacated by ~January 2016	Oficina Chahin
1045 S Olive St	Pacific Stair – storage of stair and railing supplies	ACME Display Fixture and Packaging (ACME) - Business sold mannequins, displays, and fixtures for retail stores, and consisted of a showroom and warehouse
1053 S Olive St	Pacific Stair and vacant unit being renovated for use as a sales office for adjacent residences to the northwest	ACME
1057 S Olive St	Residential sales office and Lend Lease management office for multi-story residential structure being constructed to the northwest	ACME

2.4 Descriptions of Structures, Roads and Other Improvements on the Subject Property

The County of Los Angeles Assessor's Office website indicates that all of the onsite structures fronting Olive Street were constructed in 1911; however according to building permits it appears that they were constructed in 1913. The former ACME facility (1045 through 1054 South Olive Street) consists of three buildings which have been portioned into one connected structure. The structure located at 1033 through 1041 South Olive Street was constructed as one building and has been partitioned into four separate units, with additions to the rear of the units in the 1940s and 1950s, as well as small parking areas. An alley exists behind the structures. Services are provided to the subject site by the following utilities providers:

Natural Gas:	Southern California Gas Company
Potable Water:	Los Angeles Department of Water and Power
Electric:	Los Angeles Department of Water and Power
Sewage Disposal:	Los Angeles City Sanitation

2.5 Current Uses of Adjoining Properties

The adjacent property to the northwest across the alley is under development with a multi-story residential development. To the southwest and south across West 11th Street, are parking lots. To the southeast, across South Olive Street, are commercial structures. Only two business names were identified to the southeast: ABC Embroidery and Washington Youth Employment Center. To the northeast is a multi-story residential development under construction.

3.0 USER PROVIDED INFORMATION

The user of this Phase I and Limited Phase II ESA is identified as 1045 Olive, LLC. As a part of the ASTM E1527-13 process, Mr. Elliott Kahn of 1045 Olive, LLC, completed a questionnaire regarding the property. A copy of this questionnaire is provided in Appendix C.

3.1 Environmental Liens or Activity and Use Limitations

Mr. Kahn indicated that 1045 Olive, LLC, were not aware of environmental liens or activity and use limitations filed or recorded for the subject site.

In addition, an Environmental Lien Search reports prepared for the property did not identify environmental liens or activity and use limitations (AULs) associated with the subject site. The Environmental Lien Reports are included as Appendix D and references are proved in Appendix A.

3.2 Specialized Knowledge

1045 Olive, LLC did not report specialized knowledge in association with the subject site.

3.3 Commonly Known or Reasonably Ascertainable Information

1045 Olive, LLC was not aware of commonly known or reasonable ascertainable information about the subject site.

3.4 Valuation Reduction for Environmental Issues

1045 Olive, LLC indicated that the purchase price of the subject site reasonably reflected the fair market value.

3.5 Owner, Property Manager, and/or Occupant Information

The subject site is owned by 1045 Olive, LLC, with the exception of the parcel located at 1035 South Olive Street which is owned by Ms. Young Sim Shin, as Trustee of the Young Sim Shin 2005 Revocable Trust. Refer to Section 2.0 for occupant information and to 6.0 for interview information.

3.6 Reason for Performing Phase I ESA

The purpose of this ESA is to provide appropriate inquiry into the previous ownership and use of the subject property so that the requirements for CERCLA landowner liability protections as defined in CERCLA, 42 USC §9601(35) (B) will be met, for consideration of acquisition of the parcel located at 1035 South Olive Street. In addition, the purpose of the Phase I ESA is to identify potential RECs prior to future residential development.

3.7 Other

Leighton was provided with previous environmental reports to review. The following is a summary of these reports.

Glenfos Inc., Environmental Site Assessment of 1045 South Olive Street, Los Angeles, California 90015, Project # P1-90015-092000, October 10, 2000.

Glenfos Inc. (Glenfos) summarized that the subject site was vacant, undeveloped land until sometime before 1894 when the construction of a dwelling occurred. By 1906, two dwellings were located on 1047 and 1049 South Olive Street. In 1911 the site was developed with a designated auto service (body and fender facility) and in 1929 was an auto service garage. In 1942, United Parcel Service and an auto glass company occupied the subject site. By 1967 the building was vacant. Glenfos indicated that environmental concerns relating to the older residential development (possible heating oil tanks), the former auto repair garage (hydraulic hoists and the use of degreasing solvents, and the former auto glass facility (the use of degreasing solvents). Glenfos also noted the observation of concrete patches that appeared to be related to former hydraulic hoists. Glenfos recommended additional assessment for 1045 South Olive Street.

Glenfos Inc., Phase II Environmental Site Assessment of 1045 South Olive Street, Los Angeles, California 90015, Project # P2-90015-101100, October 27, 2000.

Glenfos advanced seven soil vapor probes throughout 1045 South Olive Street to depths ranging from four to six feet below ground surface (bgs). The seven soil vapor samples were analyzed for volatile organic compounds (VOCs) using a

laboratory-grade Hewlett Packard model 5890 Series II gas chromatograph. VOCs were not detected in the soil vapor samples.

In addition, Glenfos advanced five soil borings to a maximum depth of 10 feet bgs. Soil samples were collected at depths of 5 and 10 feet bgs. The 10 soil samples were analyzed for total petroleum hydrocarbons (TPH) by EPA Method 8015M. TPH was not detected above laboratory detection limits in the 10 analyzed soil samples.

Glenfos concluded that additional assessment was not warranted.

Andersen Environmental, Phase I Environmental Site Assessment Report, ACME Display Fixture Company, 1057 South Olive Street, Los Angeles, California 90015, Project No. 0805-386, June 18, 2008.

Andersen Environmental (AE) conducted a Phase I ESA on the ACME property located at 1045 through 1057 South Olive Street. At the time of their assessment the property consisted of three one story retail/warehouse structures that were combined for use by ACME. Historically the property was used for residential, offices, auto garage, public garage, movie and photo supplies until the furniture and display fixtures business from 1958 until 1970.

AE reviewed Los Angeles City Utility Maps which identified the presence of one underground storage tank (UST) of unknown contents east of 1045 South Olive Street and one gasoline UST east of 1053 South Olive Street.

AE concluded that the two USTs are a REC for the property and recommended collecting soil samples below the USTs for the purposes of determining if a significant release has occurred or if a UST needs to be removed. While not a REC, AE recommended an asbestos and lead based paint survey. In addition the property is located within a methane zone.

Bureau Veritas, DRAFT Phase I Environmental Site Assessment, 1045 to 1057 South Olive Street, Los Angeles, California, Project No. 33114-014113.00, July 15, 2014.

Bureau Veritas North America, Inc. (BVNA) conducted a Phase I ESA on the ACME property located at 1045 through 1057 South Olive Street. The research

was similar to AE; however BVNA had the following conclusions and recommendations:

- Historical use of the subject property for vehicle servicing and possibly for fueling through at least the 1970s, with at least one gasoline USTs and potential heating oil USTs, with no investigation at or topographically downgradient from the identified UST areas is a REC.

- More than a century of commercial use including automotive, printing, and cleaning services in the immediate vicinity of the subject property with very limited groundwater data available is a REC.

BVNA recommended a limited subsurface investigation, to include a geophysical survey along the sidewalk perimeters east and south of the building. In addition the investigation should include obtaining soil analytical data to support disposal of materials to be removed for the planned construction.

Leighton, DRAFT Phase I Limited Phase II ESA, 1039 to 1057 South Olive Street, Los Angeles, California, Project No. 10849.001/.002, December 4, 2014.

At the time of the site reconnaissance, the subject property was occupied by the following:

- ACME Display Fixture and Packaging, 1057 South Olive Street, consisted of a showroom and warehousing. The facility sold mannequins, displays and fixtures for retail stores. Manufacturing was not conducted onsite. The building consisted of three connected structures.

- Immigration Consulting & Tax Preparation (Oficina Chahin), 1041 South Olive Street and Dave Berger & Sons (shoe sales), 1039 South Olive Street, consisted of one structure divided between two tenants. Manufacturing was not conducted onsite. A small bathroom and storage area was also observed in a second story above 1041 South Olive Street.

Historically the subject site was reported to have been utilized as residential until the early 1910's. Since then property uses were an auto garage, auto showroom, "gasoline garage", messenger service, movie and photo supplies, stores, and warehousing.

Three small “tanks” were identified on a substructure map within the sidewalk along West 11 Street and South Olive Street. A geophysical survey that was part of a limited Phase II ESA identified three anomalies in the general vicinity of the former ‘tank” locations within the sidewalk.

Hazardous materials were not observed onsite during the site reconnaissance. Circular concrete patches in building 1053 were observed on the ground surface within the structure. Glenfos indicated that these may be former hydraulic lift locations.

A Limited Hazardous Materials Survey was conducted and asbestos containing building materials, lead based paint, and universal waste was identified in the Limited Hazardous Materials Survey.

The subject site was reported to be located within the City of Los Angeles Methane Zone on the City of Los Angeles Department of Building and Safety’s Zone Information and Map Access System (Figure 3 – Methane Zone).

Due to the proposed historical use of the subject site, anomalies identified in the geophysical survey, and proposed residential development and excavation activities, Leighton conducted a Limited Phase II ESA. The findings and recommendations of this investigation were as follows:

- Based on the analytical results, the onsite soils in the vicinity of the boring locations did not appear to be affected by a release of volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH), above the laboratory reporting limits.
- Metals were detected in the soil samples analyzed; however, the metal concentrations were below the applicable California Human Health Screening Levels (CHHSLs) with the exception of lead. Lead exceeded the more conservative residential CHHSL of 80 milligrams (mg/kg) in one of the soil samples analyzed at a concentration of 180 mg/kg. This concentration was below the hazardous waste screening criteria of 1,000 mg/kg.
- Based on the analytical results, the onsite soil gas in the vicinity of the boring locations do not appear to be affected by a release of Methane and TPH-gasoline range, above the laboratory reporting limits.

- VOCs were detected in onsite soil gas samples at concentrations above the laboratory reporting limits. However, these concentrations were below the residential CHHSLs. VOCs, specifically Carbon Tetrachloride and Benzene, were detected in two offsite soil gas samples located along Olive Street near 11th Street, at concentrations exceeding the residential CHHSLs. However, the VOCs were detected at relatively low concentrations that are not considered to be a health risk to the subject site, particularly based on the passive methane vapor barrier that will be required beneath new construction and the proposed subsurface parking.

- Based on the analytical results, the soil cuttings generated during the advancement of the soil borings were considered likely be characterized as non-hazardous waste.

4.0 RECORDS REVIEW

4.1 Physical Setting Source(s)

Leighton reviewed pertinent maps and readily available literature for information on the physiography and hydrogeology of the subject site. A summary of this information is presented in the following subsections.

4.1.1 Topography

The subject site is located in Township 1 South, Range 13 West, Section 32, San Bernardino Baseline and Meridian, in the City of Los Angeles, California. The elevation of the subject site is approximately 150 feet above mean seal level (MSL). The regional topography slopes gently towards the southwest (USGS, 1981).

4.1.2 Surface Water

No surface water features are located on or adjacent to the subject site.

4.1.3 Geology and Soils

Group Delta Consultants (GDC) prepared a Preliminary Geotechnical Recommendations Technical Memorandum for the subject site in 2014 (GDC, 2014). As a part of their investigation, two hollow stem auger borings were advanced to depths of 115 and 125 feet bgs. Native soils encountered consisted primarily of sandy lean clay underlain by silty sand and sand.

Leighton conducted a Limited Phase II ESA at the subject site in 2014 and borings were advanced to a maximum depth of 45 feet bgs. Similar lithological conditions were encountered to this depth.

Groundwater was not encountered during GDC's investigation and Leighton's Limited Phase II ESA exploration.

4.1.4 Hydrogeology

The subject site is located within the northernmost Downey Plain of the larger Coastal Plain of the Los Angeles Basin, and is 2,500-3,000 feet south of the southern limit of the bedrock Elysian Hills (California Department of Water Resources [CDWR], 1962; Lamar 1970; Diblee, 1991).

Depth to first unconfined groundwater water measured in 2012 at a facility located 350 feet northwest of the subject site was approximately 32 to 61 feet bgs (Wayne Perry, 2012 and Advance Environmental Concepts, 2012). However, it should be noted that groundwater was not encountered onsite during a 2014 geotechnical investigation to the maximum depth explored of 125 feet bgs (GDC, 2014). Groundwater is anticipated to follow topography, with groundwater in the vicinity of the site anticipated to flow in a west-southwest direction.

4.1.5 Floodplain

According to the Environmental Data Resources Radius Map with Geocheck (EDR Radius Report), the subject property is not located in a flood zone. The EDR® Radius Report does not indicate that the subject property is located within any national wetlands. The EDR Radius Report is included in Appendix E.

The Site inspection did not reveal existing wetlands or any conditions, such as reeds in standing water that would indicate the presence of a wetland on the Site. In addition, Leighton's review of the United States Geological Survey (USGS) topographic maps revealed no evidence of wetlands on the Site.

4.1.6 Oil and Gas Fields

On January 13, 2016, Leighton reviewed the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR), Online Mapping System. Oil or gas wells were not depicted on the subject site or adjacent properties.

4.1.7 Radon

The California Department of Health Services (CDPH) and the United States Environmental Protection Agency (US EPA) both recommend a radon threshold of 4 picocuries per liter (pCi/L) above which certain precautions be taken to mitigate radon buildup in structures.

The US EPA maintains a map of California which depicts Los Angeles County as being located within Radon Zone 2, an area of predicted average indoor radon screening level between 2 and 4 pCi/L. In addition, the California Department of Health Services maintains a database of indoor radon levels that are sorted by zip code. While the subject site zip code was not listed, nearby zip codes of 90014 and 90011 states that 15 tests were completed for these zip codes and none of tests exceeded 4 pCi/L. Therefore, the potential for elevated radon levels at the subject property appears to be low.

4.2 Standard Environmental Record Sources

A search of selected government databases was conducted by Leighton using the EDR Radius Report dated November 28, 2015. Details and descriptions of the database search are provided in the EDR report. The report meets the government records search requirements of ASTM E1527-13 Standard Practice for Environmental Property Assessments: Phase I Environmental Property Assessment Process. The database listings were reviewed within the specified radii established by the ASTM E1527-13. A copy of this report is included in Appendix E.

4.2.1 Subject Site

The subject site was identified in one database in the EDR Radius Report:

- 1035 South Olive Street, C I Printing, listed on the HAZNET database, which documents facility and manifest data received each year by the Department of Toxic Substances Control (DTSC). Violations were not noted and the following manifest data was reported for the facility:

Year	Waste Category	Tons	Disposal Method
1994	Halogenated solvents	0.1251	Recycler
1996	Unspecified solvent mixture	0.1251	Treatment, tank
1997	Photochemicals/photoprocessing waste	0.0208	Recycler
1998	Photochemicals/photoprocessing waste	0.0208	Recycler
2003	Unspecified solvent mixture	0.25	Recycler
2004	Unspecified solvent mixture	0.12	Recycler
2010	Unspecified solvent mixture	0.108	Solvents recovery
2014	Unspecified solvent mixture	0.108	Solvents recovery

4.2.2 Offsite

Federal NPL List: The Environmental Protection Agency's (EPA) National Priorities List (NPL) of uncontrolled or abandoned hazardous waste sites was reviewed for sites within a mile radius of the subject site. To appear on the NPL, sites must have met or surpassed a predetermined hazard ranking system score, been chosen as a State's top priority site, pose a significant health or environmental threat, or be a site where the EPA has determined that remedial action is more cost effective than removal action. The database search did not identify NPL sites within a 1.0 mile radius of the subject site.

Delisted NPL List: The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) established the criteria 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.

The database search did not identify delisted NPL facilities located within a 1.0 mile radius of the subject site.

Federal CERCLIS List: The EPA's Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) listings were reviewed to determine if sites within ½ mile of the subject site are listed for investigation. The CERCLIS database identifies hazardous waste sites that require investigation and possible remedial action to mitigate potential negative impacts on human health or the environment. The database search identified two State equivalent CERCLIS facilities within a 0.5 mile radius of the subject site.

1. Kirk-Rich Dials, 404 West 7th Street, Suite 1215, located approximately 0.45 miles to the northeast of the subject site. According to the information provided, this facility was a removal only site (no site assessment work needed). The description was listed as “site was referred to ERS by Los Angeles Co. Radiation Management. The site is a potential radium contamination site”. It was also listed as “Cleaned-Up”. Due to the nature of the listing and cleanup status, there appears to be a low potential for this facility to adversely affect the subject site.

2. Democratic National Convention – Staples Center, 1111 South Figueroa Street, located approximately 0.25 miles to the west/northwest of the subject site. According to the information provided, this was a removal only facility and the description was listed as “to track counter-terrorism actions and funding for the Democratic national convention at the Staples Center in LA”. Due to the nature of the listing there appears to be a low potential for this facility to adversely affect the subject site.

CERCLIS No Further Remedial Action Planned (CERCLIS-NFRAP): As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA’s Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

The database search did not identify CERCLIS-NFRAP facilities within a 0.5 mile radius of the subject site.

Federal RCRA List: The current Resource Conservation Recovery Act (RCRA) Notifiers List was reviewed to evaluate if RCRA treatment,

storage, or disposal sites (TSDs) are located within 0.5-miles of the Subject site.

The database search did not identify RCRA TSD facilities within a 0.5-mile radius of the subject site.

The RCRA Corrective Action Sites List is maintained for sites, which are undergoing "a corrective action." A corrective action order is issued when there has been a release of hazardous waste constituents into the environment from a RCRA facility.

The database search did not identify RCRA Corrective Action facilities within a 1.0-mile radius of the subject site.

The RCRA regulated hazardous waste generator notifiers list and HAZNET list was reviewed to determine if RCRA generator facilities are adjoining the subject site. The database search did not identify RCRA generators adjacent to the subject site.

Solid Waste Landfill Facilities: This database, provided by the Department of Consumer and Regulatory Affairs, consists of open, as well as closed and inactive solid waste disposal facilities and transfer stations (SWL). The database search did not identify SWL sites within a 0.5 mile radius of the subject site.

Leaking Underground Storage Tank (LUST) Sites: The EPA maintains lists of information pertaining to reported LUSTs in the state. The database search identified eleven LUST facilities within a 0.50 mile radius of the subject site. These eleven facilities had been issued site closure and are expected to have a low potential to adversely affect the subject site. One of these closed facilities was located near the subject site. Shell Service Station, 504 Olympic Boulevard, is located approximately 0.08 miles to the north of the subject site. A gasoline release to soil was reported in 2008 at the Shell Station. Leighton reviewed the State Water Resources Control Board's (SWRCB) online database Geotracker. According to the information on Geotracker, the Shell Station facility requested closure in December 2012. The request for closure identifies that oil present in a groundwater monitoring well located within the site boundaries has been characterized as a "heavily degraded oil, likely a

crude oil' and 'not a refined petroleum product". Concentrations of volatile constituents and fuel oxygenates detected in groundwater samples collected from two monitoring wells during the same event at the Shell Station were relatively low. The Shell Station case was closed in July 2013. Based on the request for case closure and groundwater flow (cross-gradient), there is a low potential for the Shell Station facility to adversely affect the subject site.

STATE UST/AST: The California State Water Resources Control Board (SWRCB) UST inventory list was reviewed to determine if any USTs are located adjacent to the Site. It should be noted that a listing in the UST databases does not necessarily mean that a leak has occurred. The database search did not identify USTs located adjacent to the subject site. In addition, the Facility Inventory Database (FID), Historical UST Registered Database (HIST UST), and the Statewide Environmental Evaluation and Planning System (SWEEPS) contain active and inactive UST locations; however, they are typically historical USTs. The database search identified five facilities located within an eighth of a mile to the subject site. Since these facilities were not located on the LUST listing and depth to groundwater within the vicinity of the site is generally in excess of 100 feet bgs, there appears to be a low potential for these facilities to adversely affect the subject site.

VCP: The Voluntary Cleanup Program (VCP) Properties list 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. The database search did not identify VCP facilities on properties adjacent to the subject site.

ENVIROSTOR: The DTSC's ENVIROSTOR database identifies 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 (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 Cal Sites, 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. The database identified two facilities between 0.25 and 0.50 miles radius of the subject site. These two facilities were related to tiered permitting and were referred to another agency. Twenty-six facilities were identified between 0.50 and 1-mile of the subject site. Based on their distance to the subject site, these facilities are expected to have a low potential to adversely affect the subject site. The database identified one facility located less than 0.25 miles from the subject site and is summarized below:

- FC Broadway and Hill, 1108 South Hill Street and 1201 South Main Street, located approximately 0.1 mile to the south-southeast of the subject property in an expected hydrologically down-gradient or cross-gradient location. The facility is listed as an active voluntary cleanup site with former USTs and contaminants of concern identified as tetrachloroethylene (PCE) and trichloroethylene (TCE) in soil and soil vapor. The facility also conducted vehicle maintenance with contaminants of concern including gasoline and associated oxygenates. Based on the intervening distance and expected down-gradient location from the subject site, this facility is expected to have a low potential to adversely affect the Site.

SLIC: The Spills, Leaks, Investigation and Cleanup (SLIC) listings come from the California RWQCB. The database search identified four SLIC cases within a 0.50 mile radius of the subject site. One of the facilities appeared to be duplicated, City of Los Angeles located at 111 Figueroa, and was listed as an open case and a closed case; however, based on the Geotracker records there does not appear to be an open case associated with this facility. Of the three facilities listed, two of the facilities were listed as case closed and are expected to have a low potential to adversely affect the subject site. The remaining facility is summarized below:

- Staples Arena, 740-750 West 10th Place, is located approximately 0.36 miles to the west/northwest of the subject site. The status is listed as “open remediation” on the EDR Radius Report. Geotracker was reviewed for additional information and the facility was listed as case closed as of April 26, 2004. Additional information was not provided.

Due to the distance of the facility to the subject site, groundwater flow (cross-gradient), as well as the closed listing, there appears to be a low potential for this facility to adversely affect the subject site.

EDR Historical Auto Stations: EDR has searched business directories and has collected listings of potential gas station filling station/service station sites that were in certain categories such as gas station, gasoline station, filling station, auto, automotive repair, auto service station, etc. A review of the EDR Historical Auto Stations identified 34 historical auto stations located within a 0.25 mile radius of the subject site. Leighton completed a soil vapor survey on the subject site (see Section 7.0) to assess for on and offsite impacts from historical auto and service stations.

EDR Historical Cleaners: EDR has searched business directories and has collected listings of potential drycleaner sites that were in certain categories such as dry cleaners, cleaners, laundry, Laundromat, wash & dry, etc. A review of the EDR Historical Cleaners list identified 6 historical cleaner facilities located within a 0.25 mile radius of the subject site. Leighton completed a soil vapor survey on the subject site (see Section 7.0) to assess for offsite impacts from historical dry cleaning operations.

Orphan Listings: Several properties were listed within EDR Report as "orphan listings". Non-geocoded listings are properties without a complete street address and therefore cannot be located on a map. Leighton reviewed these listings to evaluate if the properties were possibly located near the subject site. The properties were not identified as likely to adversely affect the subject site based on their distance to the site or the status of the database listing.

4.2.3 Vapor Encroachment

Due to the historical use of the subject site and that the subject site vicinity has been developed for various commercial uses (automotive services, printing and cleaning services) since the early 1900s, there is a potential for vapor encroachment on the subject site. Leighton prepared a Tier 2 soil vapor screening which is summarized in Section 7.0.

4.3 Additional Environmental Record Sources

4.3.1 Regulatory Agency Consultations

Leighton requested regulatory records from the agencies listed below for addresses identified to be associated with the subject site.

- National Pipeline Mapping System (NPMS);
- Regional Water Quality Control Board, Los Angeles Region (RWQCB);
- South Coast Air Quality Management District (SCAQMD);
- Department of Toxic Substances Control (DTSC) – Cypress and Chatsworth Divisions;
- Los Angeles County Department of Public Health;
- Los Angeles County Department of Public Works, Environmental Programs Division;
- Los Angeles City Fire Department, UST Division;
- Los Angeles City Fire Department, HAZMAT Division;
- Los Angeles City Sanitation Department; and
- Los Angeles City Bureau of Engineering, Department of Public Works Website, http://navigatela.lacity.org/navigatela/.

Copies of records requests and responses are provided in Appendix F. The following agencies had records available for the subject site addresses requested:

LA County Public Health - The Los Angeles County Department of Public Health, Public Health Investigations, had records for 1035, 1035-A, and 1042 South Olive Street.

1035-A South Olive Street – A-MRC Stamp & Sign Co.

Date	Record/Permit
11/20/02	Hazardous Waste Contact Form – new business.
12/12/02	Inspection Report – service request revealed a rubber stamp maker that moved in a year ago from a nearby location. The current status of the rubber stamp maker was non-generator. Process: A press machine uses hydraulic oil but no waste is generated, oil is replenished twice a year. A metal plate is created for the rubber stamp lettering and a rubber strip is heat pressed onto the metal plate to forge the image on the rubber stamp. The rubber strip is glued to either a plastic or wood fabricated stamper, glue is applied with a small brush, a small amount of thinner is used with a brush to wipe off glue smudges. The thinner is replenished and no waste is generated, the thinner is placed in a small 8 ounce bottle for use. Ink is inserted into the pre-fabricated stamper pads. Storage included 1-1 gallon stock thinner, 1-12 ounce stock isopropyl alcohol, 1-12-ounce stock glue, ~25-12 ounce stock ink. It was noted that photodeveloping and conventional printing is no longer conducted onsite, it is contracted out. Inspection noted all these processes to be non-hazardous, the business is a non-generator, and a hazardous waste license was not issued.
02/06/04	Letter from County to A-MRC requesting completion of a Unified Program application to evaluate eligibility for inclusion in the hazardous waste inspection program.

1035 South Olive Street – C.I. Printing

Date	Record/Permit
1992-2014	Inspection Reports. Those with notable notice of violations (NOVs) or process information summarized below.
12/01/95	Developer and fixer disposed of down sanitary sewer sink drain. Owner believed fixer was okay to dispose of; however, it was explained to owner and fixer salesperson that used fixer was hazardous waste and a list of reclaimers was provided. NOV issued to discontinue illegal disposal of photochemical fixer into the drain.
12/11/02	Inspection report – waste fixer accumulated in a 20 gallon poly container and the waste is picked up by TSM Recovery for silver recovery. Aluminum plates are sent off for recycling and accumulated in a cardboard box (non-hazardous). Inks are purchased in 2.5, 5, or 7.5 pound containers. Roller wash is purchased in 5 gallon poly for offset presses and in 30 gallon size poly drums for the roll press. Rollers are wiped with roller wash using shop rags and the rags are picked up weekly by commercial rag service. Roll press has separate compartment to clean plates, solvent is pumped into the unit for cleaning. No ink goes to waste. Storage includes 2-5 gallon of stock roller wash, ~35-5 pounds ink, ~15 2.5 pounds ink, 30 stock roller wash, 5-1 gallon photochemicals.

03/11/09	Inspection field notes – facility is a commercial printing shop and prints business cards, invoices, labels, etc. A camera is used to capture images to be printed. The negative is processed using a developer/fixer machine. Waste developer/fixer is accumulated in a 55 gallon drum' no silver recovery unit is onsite. The negative is used in a paper plate machine to make the printing plate. There are two off-set printers and a combination off-set printer/paper-cutting machine. There is also a numbering machine. Printers are cleaned with solvent and shop towels. Waste solvent is accumulated in a 30-gallon drum. Contaminated shop towels are stored in a metal container with a lid and serviced by a commercial laundry service. Hazardous wastes include: - Waste developer/fixer, 1-55 gallon drum - Waste solvent, 1-30 gallon drum - Contaminated shop towels – laundry service Notice of violation regarding hazardous waste labeling was abated at the time of the inspection. Unified Program Consolidated Contingency Plan was completed.
03/10/14	Hazardous waste manifests including non-RCRA waste solvent 1-30 gallon drum,

1042 South Olive Street – Bookraft Binding Company

Date	Record/Permit
12/08/76	Llanes Bookbinding Company – Plant Survey, Community Health Services. Glue utilized during book binding process.
01/17/83	Hazardous Waste Producer Survey – book binding company, stitching, cutting, gluing, and gold stamping. Raw materials including adhesive, glutofix (methyl cellulose paste), and solvent (small can). The solvent was used to clean equipment and a service disposed of soiled rags. The other materials were disposed of in the municipal trash.

Los Angeles City Sanitation - The Los Angeles City Sanitation Department had a record of an Industrial Waste Permit issued to Mitchell and Herb Engraving Company, Inc., 1041 South Olive Street on July 25, 1958. According to this permit, 3,150 gallons of "photographic developing and plate etching processes" are discharged per day into the 14-inch clay sewer pipe located in South Olive Street. In addition, the National Auto Glass Company, 1047 South Olive Street, applied for an Industrial Waste Permit on March 6, 1969. The facility was going to generate waste from automobile parts washing (window washing) and floor washing. The waste was going to be clarified in a 12"x12"x12" sump. The report was approved by the Principal Inspector on March 26, 1969.

LA City HAZMAT - The City of Los Angeles Fire Department, HAZMAT Division had records on file for 1035 and 1047 South Olive Street, and the inventory of hazardous materials is summarized below:

1035 South Olive Street – C.I. Printing

Hazardous Material	Maximum Quantity on Hand (presumed gallons)
Petroleum Naptha/Solvent Waste	55
Aqueous acidic solution – photo fixer	55
Last inspection date: 6/15/2013 Permit Date: 7/1/2014 CUPA documents (business plan) submitted in 2007, no USTs were noted onsite; hazardous waste noted to be stored in secondary containment	

1047 South Olive Street – Kenny Sears/LOF Glass Center

Hazardous Material	Maximum Quantity on Hand (presumed gallons)
3M "Windo-weld" Super East Urethane	5
Chevron Thinner	50
Release Agent	2
Last inspection date: 8/17/1993 Permit Date: 7/1/2004 Hazardous materials listed as inactivated on 8/17/1993	

City of Los Angeles Navigate LA - Leighton reviewed a substructure map provided by the Navigate LA, an online website provided by the City of Los Angeles. This map depicted three "tanks" located within the sidewalks surrounding the subject site. One was located along West 11th Street (in between the alley and South Olive Street). The second was labeled "gaso tank" and was located in the sidewalk in front of 1053/1055 South Olive Street. A third one was just labeled "tank" and was depicted in front of 1049 South Olive Street.

Other Agencies - Records were not found for the other addresses or at the other agencies requested.

4.4 Historical Use Information on the Property

Leighton reviewed selected historical information on the subject site. These references were reviewed for evidence of activities, which would suggest the potential presence of hazardous substances at the subject site and to evaluate the potential for the subject site to be impacted by offsite sources of contamination. The following paragraphs are a chronological summary of the review.

4.4.1 Aerial Photographs

Historical aerial photographs were provided by EDR for years between 1928 through 2010 and were reviewed for information regarding past property uses. Copies of the aerial photographs are included in Appendix G.

In the **1928, 1938, and 1947** aerial photographs, the subject site is occupied by commercial structures (see Section 4.4.3, Fire Insurance Maps for building use information). The surrounding properties appeared to have been occupied primarily by commercial and/or light industrial structures.

In the **1956, 1965, and 1976** aerial photographs, the only significant change observed is that the adjacent properties to the southwest and south are now parking lots.

In the **1989, 1994, 2005, 2009, and 2010** aerial photographs, the only significant change observed is the addition of a parking lot to the northwest of the subject site. In addition, a commercial structure followed by a parking lot was observed to the northeast of the subject site.

4.4.2 Historical Topographic Maps

Historical topographic maps were provided by EDR for years between 1896 through 1994 and were reviewed for information regarding past property uses. Copies of the topographic maps have been provided in Appendix G.

The scale of the maps dated **1896, 1900, 1901, 1902, 1920, and 1928** topographic maps made it difficult to determine site and adjacent site features.

1953, 1966, 1972, 1981, and 1994: The subject site is located in downtown urbanized Los Angeles in a red shaded area where landmark buildings are depicted. South Olive Street and West Olympic Boulevard are depicted; however structures and/or features are not depicted on the subject site or adjacent properties.

4.4.3 Fire Insurance Maps

Fire insurance maps, or Sanborn® maps, are detailed city plans showing building footprints, construction details, use of structure, street address, etc. The maps were designed to assist fire insurance agents in determining the degree of hazard associated with a particular property. Sanborn® maps were produced from approximately 1867 to the present for commercial, industrial, and residential sections of approximately 12,000 cities and towns in the United States. Sanborn® map coverage was available for the years between 1888 and 1959. A copy of the Sanborn® map report is included in Appendix G and a summary is provided in the following tables. Note that for the adjacent property description, the properties to the southeast are described across South Olive Street, and to the properties to the southwest are described across West 11th Street.

ONSITE

Year	1035/1037/1039	1041/1045	1047/1049	1053/1055	1057
1888	Dwelling	Dwelling	Vacant	Dwelling	Vacant
1894	Dwelling	Dwellings	Dwelling	Dwelling	Dwelling at rear
1906	Flats	Dwellings	Dwellings	Dwelling	Dwellings
1950	Store with wood working, spray painting, and celluloid storage in the rear/ Small machine shop with explosion vent in the rear	Photo engraving shop with storage in the rear	Messenger Service	Movie and Photo Supplies	Movie and Photo Supplies
1953	Store with wood working, spray painting, and LBR storage in the rear/ Small machine shop with explosion vent and celluloid storage in the rear	Photo engraving shop with storage in the rear	Messenger Service	Movie and Photo Supplies	Movie and Photo Supplies
1955	Store with wood working, spray painting, and LBR storage in the rear/ Small machine shop with explosion vent and celluloid storage in the rear	Photo engraving shop with storage in the rear	Messenger Service	Movie and Photo Supplies	Movie and Photo Supplies
1958	Store with wood working, spray painting, and LBR storage in the rear/ Small machine shop with explosion vent and celluloid storage in the rear	Photo engraving shop with storage in the rear	Messenger Service	Store	Furniture
1960	Store with wood working, spray painting, and LBR storage in the rear/ Small machine shop with explosion vent and celluloid storage in the rear	Photo engraving shop with storage in the rear	Messenger Service	Store	Furniture
1962	Store with wood working, spray painting, and LBR storage in the rear/ Small machine shop with explosion vent and celluloid storage in the rear	Photo engraving shop with storage in the rear	Auto Repair	Store	Furniture

Year	1035/1037/1039	1041/1045	1047/1049	1053/1055	1057
1963	Store with wood working, spray painting, and LBR storage in the rear/ Small machine shop with explosion vent and celluloid storage in the rear	Photo engraving shop with storage in the rear	Auto Repair	Store and Display Fixtures	Furniture
1967	Store with wood working, spray painting, and LBR storage in the rear/ Small machine shop with explosion vent and celluloid storage in the rear	Photo engraving shop with storage in the rear	Vacant	Store and Display Fixtures	Store
1968	Store with wood working, spray painting, and LBR storage in the rear/ Small machine shop with explosion vent in the rear	Photo engraving shop with storage in the rear	Warehouse	Store and Display Fixtures	Store
1970	Store with wood working, spray painting, and LBR storage in the rear/ Small machine shop with explosion vent in the rear	Photo engraving shop with storage in the rear	“C” (possibly store but missing some of the letter “S”	Store and Display Fixtures	Store

Adjacent Properties

Year	Adjacent Property
1888	**Northeast:** Vacant parcel and dwellings **Southeast:** Vacant parcel and dwellings **Southwest:** Dwellings **Northwest:** Dwellings
1894	**Northeast:** Vacant parcel and dwellings **Southeast:** Vacant parcel and dwellings **Southwest:** Dwellings **Northwest:** Dwellings
1906	**Northeast:** Vacant parcel and dwellings **Southeast:** Dwellings/Flats **Southwest:** Dwellings **Northwest:** Dwellings

Year	Adjacent Property
1920	**Northeast:** Flats **Southeast:** Dwellings/Flats **Southwest:** Not shown on map **Northwest:** Not shown on map
1950	**Northeast:** Auto repair and painting **Southeast**: Auto sales, Printing, Lodging, Clothing Manufacturing **Southwest:** Vacant **Northwest:** Stores and Warehouse, Apartments, Store
1953	**Northeast:** Auto repair and painting **Southeast**: Auto sales, Stores, Printing, Lodging, Drapery Manufacturing **South:** Gas & Oil and Auto Parking **Southwest:** Vacant **Northwest:** Stores and Warehouse, Apartments
1955	**Northeast:** Parking **Southeast**: Parking, Stores, Printing, Lodging, Store: Felt Specialties & Clothing **South:** No Coverage **Southwest:** No Coverage **Northwest:** Stores and Warehouse, Apartments, Stores and Hall
1958	**Northeast:** Parking **Southeast**: Parking, Stores, Printing, Lodging, Store: Felt Specialties & Clothing **South:** Auto Parking, Gas & Oil **Southwest:** Vacant **Northwest:** Stores and Warehouse, Apartments, Stores and Hall
1960	**Northeast:** Parking **Southeast**: Parking, Stores, Printing, Lodging, Store: Felt Specialties & Clothing **South:** Auto Parking, Gas & Oil **Southwest:** Vacant **Northwest:** Stores and Warehouse, Apartments, Stores and Hall

Year	Adjacent Property
1962	**Northeast:** Parking **Southeast**: Parking, Stores, Printing, Lodging, Store: Felt Specialties & Clothing **South:** Auto Parking, Gas & Oil **Southwest:** Vacant **Northwest:** Stores and Warehouse, Apartments, Bicycle Supplies, Stores
1963	**Northeast:** Parking **Southeast**: Parking, Stores, Printing, Lodging, Store: Felt Specialties & Clothing **South:** Auto Parking, Gas & Oil **Southwest:** Vacant **Northwest:** Stores and Warehouse, Apartments, Bicycle Supplies, Stores
1967	**Northeast:** Parking **Southeast**: Parking, Restaurant, Stores, Printing, Store, Vacant unit at corner **South:** Auto Parking, Gas & Oil **Southwest:** Vacant **Northwest:** Stores and Warehouse, Apartments, Bicycle Supplies, Stores
1968	**Northeast:** Parking **Southeast**: Parking, Restaurant, Stores, Printing, Store, Clothing Manufacturing **South:** Auto Parking, Gas & Oil **Southwest:** Vacant **Northwest:** Stores and Warehouse, Apartments, Bicycle Supplies, Stores
1970	**Northeast:** Parking **Southeast**: Parking, Restaurant, Stores, Printing, Store, Clothing Manufacturing **South:** Auto Parking, Gas & Oil **Southwest:** Vacant **Northwest:** Stores and Warehouse, Apartments, Manufacturing, Stores

4.4.4 Historical City Directories

Historical City Directories were provided by EDR. A copy of this report is provided in Appendix G. The City Directory information is summarized in the following table.

Date	1041	1047	1053	1055	1057
SOUTH OLIVE STREET					
1951	Mitchell & Herb Engraving Co	Arrow Messenger Serv Red Arrow Bonded Messenger Corp Hasty Messenger & Delivery Co Acme Messenger & Delivery Co	Society For Visual Education Distr Craig Movie Supp Co Argus Camera Corp Distr Ampro Projector Corp Distr	No Listing	No Listing
1958	Mitchell & Herb Engraving Co	Red arrow Bonded Messenger Corp Hasty Messenger & Delivery Co Arrow Messenger Serv Red Arrow Bonded Messenger Corp Acme Messenger & Delivery Co	Ark Les Switch Co Elec Switches Chromalox Electric Heaters Co Commercial Filters Corp Fulflo Filter Co Indiana Commercial Filter Corp Montgomery Bros Inc Pacific Chromalox Inc Heaters Pre Fab Heater Co Heaters Wiegand Edwin L Co Elec Heatrs	Kauffman Bernard Notions Whsle	Davis Sales Co Apt Furnshngs

Date	1041	1047	1053	1055	1057
SOUTH OLIVE STREET					
1976	No Listing	National Auto Glass Co of Los Angeles	No Listing	Acme Garment Display Rack Co Acme Fixture Display Co Acme Hanger Co of Calif Acme Display Fixture Co	No Listing
1995	No Listing	Lof Glass Installation	No Listing	No Listing	No Listing
2000	No Listing	Design and Display Systems	No Listing	No Listing	No Listing
2006	Oficina Chahin	No Listing	No Listing	No Listing	Acme Dsply Fixture
2008	Oficina Chahin	No Listing	No Listing	No Listing	Acme Display Fixture Co Inc
2013	Oficina Chahin	No Listing	No Listing	No Listing	Acme Display Fixture Co

The addresses of 1035, 1037, 1039, 1043, 1045, 1049, 1051, and 1059 South Olive Street and 315 West 11th Street were not listed in the City Directory Report. The address of 1033 South Olive Street was not listed in the City Directory Report with the exception of Lau Sze Chung in 1995.

4.4.5 Building Department, Zoning and/or Land Use Records

Leighton requested copies of building permits from the City of Los Angeles Building and Safety Department. Selected building permits are described below and are included in Appendix G.

1033/1035/1037 South Olive Street

Date	Address	Owner	Use/Permit Info
1912-06-05	1027 to 1033 South Olive Street	Alfred C Palfrey	Building permit to construct a garage with show room and garages. 1027 to 1029 do not appear to have been located onsite; therefore, this building was likely located adjacent to the northeast
1928-12-07	1029 to 1033 South Olive St	A.C. Palfrey	Setback wall of garage
1913-06-12	1035 South Olive Street	Sam Mathis	Move house from 1035 Olive to 214 W 21st St, replace foundation
1913-06-19	1035 to 1943 South Olive St	Harris Realty & Building Company	Construct a new store with six rooms
1945-05-16	1039 South Olive Street	T.R. King Co.	New 5'x20' vault (apparently used for celluloid film storage)
1947-06-10	1035 South Olive Street	T.R. King Co.	New 16'x60' storage building (furniture)
1953-04-20	1035 South Olive Street	M.C. Anderson	Construct 17'x41' (or 62') brick addition to storage building. Warehouse for past 7 years with one building each for sales, storage, film storage
1953-08-07	1035 South Olive Street	M.C. Anderson	Tenant improvement, manufacturing and sales of casino equipment
1953-11-09	1035 South Olive Street	M.C. Anderson	Certificate of occupancy, alteration to conversion portion of 50'x80' commercial building to 15'x25' grinding and processing room (Group D-1, heat hazardous solids) max 50 pounds
1972-10-16	1035 South Olive Street	Charles Endy	Canopy addition to connect 2 existing buildings to make a 65'x47' irregular shaped

Date	Address	Owner	Use/Permit Info
			manufacturing building
1981-04-21	1035 to1039 South Olive Street	Yon Chul Shin	Tenant improvement. Existing use: manufacturing and store. Change store portion to packaged food store
2014-07-02	1033 to 1035 South Olive Street	Not Stated	Building located at 1001 South Olive Street has foundation located at 1033 to 1035 South Olive Street

1039/1041/1045 South Olive Street

Date	Address	Owner	Use/Permit Info
1913-06-13	1041 South Olive	Whitney Mead Co.	Building permit to wreck and remove residence.
1913-06-19	1037 to 1043 South Olive Street	Harris Realty and Building Co.	Building permit to erect a store.
1915-09-14	1043 South Olive Street	Harris Building and Realty Co.	Building permit to install a platform to be used as office and storage for a bicycle repair shop.
1916-11-24	1039 South Olive Street	Illegible	Building permit to change show window and install doors on a store.
1924-10-28	1041 South Olive Street	Harry Horowitz	Building permit to divide one store into two stores and film vault will be added to one side in rear.
1931-12-14	1039 South Olive Street	Automobile Insurance Underwriters	Building permit for a temporary partition for an insurance store.
1933-06-13	1043 South Olive Street	Afga Ansco Corp	Building permit to install raw film warehouse, mezzanine, and non-baring clay tile partitions.
1933-09-05	1043 South Olive Street	Afga-Ansco Film Co.	Building permit to install metal film cabinets and run vents thereto.
1937-01-12	1043 South Olive Street	Film Cabinet Inc.	Certificate of completion of the building.

Date	Address	Owner	Use/Permit Info
1939-07-18	1041 through 1045 South Olive Street	Title Insurance & Trust Co.	Building permit to alter three store fronts.
1939-07-18	1041 through 1045 South Olive Street	Title Insurance & Trust Co.	Building permit to install a project room under existing balcony and install three temporary offices on balcony floor.
1945-05-16	1039 South Olive Street	T. R. King & Co.	Building permit to construct a film vault.
1946-10-30	1039 South Olive Street	T .R. King Co.	Certificate of occupancy for a store.
1947-09-22	1039 South Olive Street	T. R. King & Co.	Certificate of occupancy for a one story, Type 1 Film Vault.
1953-09-09	1035 through 1039 South Olive Street	T. R. King & Company	Certificate of Occupancy for a one story, 7'x22' Cellulose Nitrate Vault (Group D1-c Flammable Solid), E-1 Occupancy. (This certificate supersedes certificate issued 1947-09-22).
1977-11-16	1041 South Olive Street	Jose E. Chahin	Building permit to install new baths on a commercial building.
1978-01-26	1041 South Olive Street	Jose E. Chahin	Building permit to convert print shop to photo shop. Construct interior partitions for darkroom.
1989-11-09	1041 South Olive Street	Jose E. & Yolanda Chahin	Building permit to gain compliance with Division 88 on an office building.
1998-10-10	1041 South Olive Street	Yolanda E. Chahin	Building permit for tenant improvements.

1047 and 1049 South Olive Street

Date	Address	Owner	Use/Permit Info
1910-08-26	1047 and 1049 South Olive Street	John [illegible]	Remodel and move flat and residence offsite.
1910-09-28	1047 South Olive Street	Steve L. Turner	Building permit for a new garage.
1923-06-08	1047 South Olive Street	Harvey Goodwin	Building permit to add sign on the roof of a garage and sales room.
1929-01-06	1047 to 1055 South Olive Street	Steve L. Turner	Building permit to move the front of the building back 5.0 feet. Use of building is “Auto Display – Garage”.
1932-01-25	1047 South Olive Street	Steve L. Turner	Building permit to change location of office in a public garage.
1935-01-18	1047 South Olive Street	Public Garage & [illegible] Store	Certificate of occupancy to state that the building has been inspected and complies as an existing condition.
1941-03-11	1047 South Olive Street	United Parcel Service	Permit to install wood and glass partitions, new plumbing and new wiring on a delivery service building.
1952-10-27	1047 South Olive Street	Steve L. Turner	Permit to alter a parapet on a messenger garage.
1968-05-06	1047 South Olive Street	Occidental Insurance	Install non-bearing partitions in an office and storage building.
1968-05-17	1047 South Olive Street	National Auto Glass Co.	Add decoration wall to an auto glass sales company.
1977-08-19	1047 South Olive Street	Montgomery Management	Repair fallen truss at an auto glass company.
1989-04-20	1047 South Olive Street	Mr. Steve Zimmerman	Repair and/or replace wood trusses at an auto repair building.

1053 through 1059South Olive Street, 315 West 11th Street

Date	Address	Owner	Use/Permit Info
1912-03-19	1057 South Olive Street	Mrs. Ida May Garland	Building permit to construct a gasoline garage.
1912-03-26	315 West 11th Street	Chas M. Stimson	Remodel and move residence offsite.
1912-11-01	1053 South Olive Street	Theo A. Simpson	Building permit to construct a garage.
1925-06-16	1057 South Olive Street	Felix Winslow	Roof sign for salesroom and garage.
1928-12-07	1053-57 South Olive Street	Felix Winslow	Cut opening between 1053 and 1057. Use of building is for storage for cars and show room for autos.
1929-02-14	1055 through 1057 South Olive Street	Felix Winslow	Permit to cut one opening through 17 inch brick wall and install fire doors on each side of opening. Use of building is an automobile display room.
1929-05-07	1057 South Olive Street	Ida May Garland	Building permit to move the front of the building back 5.0 feet. Use of building is “Public Garage & Sales Room”.
1932-11-15	1053 South Olive Street	Not listed	Certificate of completion for a public garage.
1933-02-06	1057 South Olive Street	Grover T. Garland	Alter store front only.
1934-12-04	1053 South Olive Street	F. W. Braun Co.	Permit to divide the present building (auto sales and garage) into two stores, and subdivide one store into general and private office space and service rooms.
1938-03-31	1057 through 1059 South Olive Street	Ida May Garland	Interior renovations to store.
1944-07-11	1053 South Olive Street	Dr. Wayne [illegible]	Type of permit is illegible; however the purpose of

Date	Address	Owner	Use/Permit Info
			building is listed as a warehouse.
1953-04-23	1057 South Olive Street	Talton R. Craig	Alter parapet walls along Olive and the alley. Use of building is a store.
1966-01-28	1057 South Olive Street	Grover T. Garland	Repair east wall damaged by auto. Use of building is listed as a store.
1966-02-28	1053-55 South Olive Street	Louis Berenzweig	Permit to repair acoustic ceiling paneling within an existing store.
1992-02-11	1057 South Olive Street	Lou Berenzweig	Permit to repair damaged trusses and lines.
1995-02-24	1057 South Olive Street	Rick Berenzweig	Permit to add office, kitchen, and conference room inside existing retail.
2001-05-18	1057 South Olive Street	Richard Berenzweig Trust	Tenant improvement work – finishes for showroom and a new office.

4.4.6 Other Historical Sources

No additional historical resources were utilized for research in this report other than the previous environmental assessments discussed in Section 3.8.

4.4.7 Summary of Historical Land Use

The earliest historical data indicating property use is from 1888. A chronological summary of the Site use is provided below:

Years	Subject Site Use
1888 to 1912	Dwellings and/or Flats
1913 to approximately 1950	Garage Sales Room, Auto Display – Garage, Public Garage, Stores, Bicycle Repair, Insurance, Movie and Photo Supplies
1950 to approximately 1958	Wood working and Spray Painting, Machine Shop, Celluloid Storage (i.e. Film Vault), Photo Engraving, Messenger Service, Movie and Photo Supplies

Years	Subject Site Use
1958 to approximately 1962	Wood working and Spray Painting, Machine Shop, Celluloid Storage (i.e. Film Vault), Photo Engraving, Messenger Service, Store (Heaters), Store (Notions), Furniture Store
1962, 1963	Wood working and Spray Painting, Machine Shop, Celluloid Storage (i.e. Film Vault), Photo Engraving, Auto Repair, Store, Furniture Store
1963 to approximately 1970	Wood working and Spray Painting, Machine Shop, Celluloid Storage (i.e. Film Vault), Photo Engraving, Vacuum-Warehouse-Store, Store and Display Fixtures, Store
1970 to approximately 1995	Clothes Manufacturing & Food Store (1980s), Printing Facility (at least by 1980s), Auto Glass Repair, ACME Display Fixture Co.
1995 to 2015	Printing Facility, Oficina Chahin and ACME Display Fixture Co.
Present	Printing Facility, Vacant Units, Storage for Pacific Stair, Construction Management and Leasing Offices

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

On November 30, 2015, Meredith Church, a representative of Leighton and registered Professional Geologist, conducted a reconnaissance–level assessment of the subject site. The site reconnaissance consisted of the observation and documentation of existing subject site conditions and nature of the neighboring property development within 0.25-miles of the subject site. Photographs of the subject site are presented in Appendix B and their view directions are noted on Figure 2.

5.2 General Site Setting

The subject property and general vicinity is located in a mixed use commercial and residential urban area in downtown Los Angeles. The County of Los Angeles Assessor's Office website indicates that all of the onsite structures fronting Olive Street were constructed in 1911; however according to building permits it appears that they were constructed in 1913. The former ACME facility (1045 through 1054 South Olive Street) consists of three buildings which have been portioned into one connected structure. The structure located at 1033 through 1041 South Olive Street was constructed as one building and has been partitioned into four separate units, with additions to the rear of the units in the 1940s and 1950s, as well as small parking areas. An alley exists behind the structures.

5.3 Exterior and Interior Observations

5.3.1 Hazardous Substances, Drums, and Other Chemical Containers

The following hazardous materials and documentation was observed in C.I. Printing located at 1035 South Olive Street:

- Numerous 1-pound plastic ink containers (Photo Nos. 3 and 5)
- One 55-gallon drum of photochemical waste (Photo No. 4)
- One 55-gallon drum of Solvit QD (containing 30.24 gallons), dated new on July 13, 2010. (Photo No. 4)

- One approximately two-gallon tub of printers hand cleaner
- Material Safety Data Sheet (MSDS) for I.C. All Pro – 99, a hydrocarbon and glycol ether solvent
- MSDS sheet for I.C. White Wash – 99-1, a hydrocarbon and detergent solvent
- Invoices for 55-gallons of photochemical from Commodity Resource & Environmental, Inc. dated 11/9/11 and 12/20/13
- Invoice from SQG Specialists, Inc. dated February 27, 2014, indicated disposal of the following materials: 30 gallons of spent plate wash received and distilled and 48 gallons of recycled Solvit QD

The 55-gallon drums of photochemical waste and Solvit QD were not located on secondary containment. The drums were stored on the concrete floor in the printing facility; however, pitting or staining was not observed on the concrete.

Cleaners, floor stripper, and paints were observed in retail packaging in a closet located within 1053 South Olive Street.

Five 55-gallon drums were located to the rear 1039 South Olive Street that contain drill cuttings from a previous environmental investigation (Leighton, 2014) (Photo No. 10).

No other hazardous substances, drums, or other chemical containers were observed on the subject site.

5.3.2 Storage Tanks

No evidence of USTs or ASTs was observed on the subject site. However it should be noted that an asphalt patch was observed in the sidewalk near the “tank” location noted in the substructure maps (Appendix F). In addition, anomalies were identified near these areas in a previous geophysical survey conducted on the subject site (Leighton, 2014). It should be noted that the sidewalks are not a part of the subject property.

5.3.3 Polychlorinated Biphenyls (PCBs)

PCBs were once used as industrial chemicals whose high stability contributed to both their commercial usefulness and their long-term deleterious environmental and health effects. PCBs can be present in coolants or lubricating oils used in older electrical transformers, hydraulic systems, and other similar equipment. In 1979, the US EPA generally prohibited the domestic manufacture of PCBs in electrical capacitors, electrical transformers, vacuum pumps, hydraulic pumps, and gas turbines.

No evidence of PCB-containing equipment was observed on the subject site.

5.3.4 Waste Disposal

Waste disposal was not observed on the subject site with the exception of municipal solid waste trash receptacles and dumpsters.

5.3.5 Dumping

Evidence of dumping was not observed on the subject site.

5.3.6 Pits, Ponds, Lagoons, Septic Systems, Wastewater, Drains, Cisterns, and Sumps

Evidence of pits, ponds, lagoons, septic systems, wastewater, drains, sumps, and cisterns was not observed at the subject site, with the exception of a floor drain located in the 1045 South Olive Street building.

5.3.7 Pesticide Use

Evidence of pesticide use was not observed on the subject site.

5.3.8 Staining, Discolored Soils and/or Corrosion

Staining or discolored soils or evidence of corrosion was not observed on the subject site.

5.3.9 Stressed Vegetation

Stressed vegetation was not observed on the subject site. The subject site is paved.

5.3.10 Unusual Odors

Unusual odors were not detected on the subject site.

5.3.11 Onsite Wells

Oil, gas production, water, or existing groundwater monitoring wells were not observed or reported on the subject site.

5.3.12 Other Observations

The subject site is located within the City of Los Angeles Methane Zone on the City of Los Angeles Department of Building and Safety's Zone Information and Map Access System (Figure 3 – Methane Zone).

Due to the age of the onsite structures, it is likely that they contain asbestos containing building materials, lead based paint, and other universal waste.

6.0 INTERVIEWS

Leighton conducted interviews with persons having knowledge of current or past subject site usage. Interviews were conducted either orally or in the form of a written questionnaire. See Appendix C for completed Interview Forms.

6.1 Interview with Owner

Mr. Elliott Kahn, an affiliate with the owner 1045 Olive, LLC for the property located at 1039 through 1057 South Olive Street, indicated that he did not have extensive knowledge of the subject site history and referred Leighton to previous environmental reports. Mr. Kahn completed a User Interview form that is included in Appendix C.

Ms. Rita Shin, the owner for the property located at 1035 South Olive Street, indicated that the parcel had been used for printing purposes at both units (1035 and 1035A) since approximately the 1980s. She indicated that the property had been used for clothes manufacturing purposes prior to the printing facility. Ms. Shin indicated that hazardous materials use included ink in small containers and photo processing waste stored in a 55-gallon drum. She was not aware of any floor drains, USTs, ASTs, releases of hazardous materials/waste, or other environmental concerns associated with the property.

6.2 Interview with Site/Property Manager

A property manager was not identified for the subject site.

6.3 Interviews with Occupants

Leighton did not interview onsite occupants other than Ms. Rita Shin.

6.4 Interviews with Local Government Officials

Leighton did not interview employees with local government agencies to request information regarding historic and current uses of the subject site with the exception of those noted in Section 4.2.

6.5 Interviews with Others

Leighton did not conduct other interviews for this Phase I ESA.

7.0 LIMITED PHASE II ESA

The current Limited Phase II ESA was conducted to assess the presence or absence of subsurface impacts to soil and soil vapor as a result of historical land use at 1033 through 1037 South Olive Street (APN 5139-010-001). Historically the property has been used for wood working, spray painting, machine shop, film vault storage, clothing manufacturing, and printing purposes. The objective of the Limited Phase II ESA was to evaluate onsite soil and soil vapor for the presence of VOCs including benzene, ethyl benzene, toluene and xylenes (BTEX), methyl tert butyl ether (MTBE) and TPH, and metals in soil as a result of potential releases from historical land uses identified in the findings of this Phase I ESA.

A Limited Phase II ESA was previously conducted for the properties located at 1039 through 1057 South Olive Street in November 2014 and contaminants were not identified in soil or soil vapor at concentrations that presented a health risk; therefore, these properties were not included in the present investigation (Leighton, 2014).

7.1 Pre-field Activities

7.1.1 Health and Safety Plan

A Site Specific Health and Safety Plan (HSP) was prepared for work performed at the site. All onsite Leighton personnel signed the HSP acknowledging acceptance. The document was kept onsite at all times during the field activities. The HSP was prepared in compliance with the Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1910.120.

7.1.2 Utility Clearance

Underground Service Alert (USA) was contacted 48-hours prior to the commencement of fieldwork to mark all underground utility locations. Each proposed boring location was clearly marked in white paint prior to contacting USA.

7.2 Field Activities

7.2.1 Boring Advancement and Soil Vapor Probe Installation

On December 2, 2015, Leighton personnel directed the advancement of 2 onsite soil borings, CH1 and CH2 (Figure 2). The borings were advanced using direct push to advance CH1 and hand auger to advance CH2. CH1 was advanced to 20 feet bgs and soil samples were collected at 2.5, 5, 10, 15, and 20 feet bgs in acetate sleeves, covered with Teflon, and capped. multi-nested soil vapor probes were installed at 5 and 15 feet bgs following soil sampling of CH1.

CH2 had been planned to be advanced to 10 feet bgs; however, refusal was encountered at 5 feet bgs; therefore, it was terminated at that depth. Soil samples from CH2 were collected at 2.5 and 5 feet bgs and one soil vapor probe was installed at 5 feet bgs.

The soil samples were field-screened using a photoionization detector (PID) to indicate the presence of volatile organic vapors. No odors or PID readings were detected in the soil samples collected from the borings.

The soils from CH1 generally consisted of light brown clay and silty clay in the upper 5 feet followed by gravelly sand to 20 feet bgs. The soils from CH2 generally consisted of brown silty clay with sand. Groundwater was not encountered during the advancement of the borings.

Following soil boring advancement, the soil borings were converted to soil gas monitoring probes. The soil gas probes were installed in general accordance with the California Environmental Protection Agency –DTSC and California Regional Water Quality Control Board – Los Angeles and San Francisco Region's (LARWQCB and SFRWQCB) *Advisory – Active Soil Gas Investigations, 2015*.

The soil vapor probes consisted of inert ¼" nylaflow tubing fitted with a porous airstone at the terminus, which was set within one foot of sand, one foot of dry bentonite above, followed by hydrated bentonite to the next sand pack/nested probe depth for the multi-nested well. The surface end of the probe was fitted with a gas-tight leur lock to prevent infiltration of water or air. The soil vapor probes were allowed to equilibrate for

approximately 2 hours prior to the sampling event in accordance with the DTSC Guidance for direct push borings. The CH2 boring was advanced utilizing a hand auger and the equilibration time should be 48 hours; however, due to access restrictions the full equilibration time was not reached. The results between CH1 and CH2 were similar and this deviation is not expected to have significantly altered the sampling results. The soil vapor probes were decommissioned in accordance with the DTSC Guidance following sampling activities.

7.2.2 Soil and Soil Gas Sampling

Soil samples were collected from CH1 utilizing the direct push drill rig. A sampler on the direct push drill rig loaded with a 1-inch diameter acetate sleeve and approximately 6-inches of the sample tube was cut from the appropriate depth interval. A Teflon™ square was placed over each end of the sample and secured with a plastic cap. Soil samples were collected from boring CH2 using the hand auger bucket to retrieve soil from the appropriate depth interval of soil and transferred to a glass jar. Samples collected for VOC analyses were sampled directly from the sleeve or tube using a laboratory-supplied disposable syringe and transferred into three laboratory-supplied 40-mL glass VOA vials preserved with methanol and sodium bisulfate (EPA 5035 methodology).

Soil vapor samples were collected in Tedlar bags utilizing a vacuum pump calibrated to 250 milliliters per minute (mL/min). During the sampling of the onsite probes, n-pentane was used as a leak detection compound.

The soil vapor probes were screened for methane using a calibrated RKI Eagle® hand-held gas detection monitor and methane was not detected above the detection limit. Pressure was monitored utilizing a magnahelic® gauge and no measurable pressure was detected.

The soil samples were collected and placed in laboratory prepared containers, labeled, and placed on ice in a cooler which was secured with a custody seal. The soil and soil gas samples and completed chain-of-custody forms were transported to the selected analytical laboratory.

7.3 Laboratory Analysis

The soil samples were analyzed for total petroleum hydrocarbons, carbon chain (TPH-cc) by EPA Method 8015 and for VOCs by EPA Method 8260B/5035. In addition, the 2.5 foot soil samples were analyzed for Title 22 Metals utilizing EPA Method 6010B/7471A. Select soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) by EPA Method 8260B. The soil vapor samples were analyzed by VOCs by EPA Method 8260.

7.4 Data Evaluation

7.4.1 Soil Samples

TPH-cc was not detected in the soil samples with the exception of CH1-2.5, CH2-2.5, and CH2-5.0 all at a concentration of 11 mg/kg in the C8-C12 range. The three soil samples were subsequently analyzed for TPH-g and were below the laboratory detection limits. VOCs were not detected in the samples above the laboratory detection limits. Metals were not detected above applicable screening levels in the soil samples analyzed.

Leighton compared the reported TPH concentrations in the soil samples to the Maximum Screening Levels (MSLs) established by the State Water Resource Control Board – Region 4 for Underground Storage Tanks Closure Criteria. The reported TPH concentrations were well below the established MSLs of 500 mg/kg for TPH in the C4-C12 range.

A summary of the reported VOC and TPH concentrations is presented as Table 1 and a summary of the metal detections are presented as Table 2. Laboratory reports are included in Appendix H.

7.4.2 Soil Gas

The soil gas samples reported low levels of PCE and BTEX above the laboratory detection limits. However, the concentrations were below the EPA Regional Screening Levels for residential property.

The leak detection compound for the onsite samples, n-pentane, was not reported above the laboratory reporting limit.

A summary of the reported VOC is presented as Table 3. Laboratory reports are included in Appendix H.

8.0 FINDINGS

Leighton performed a Phase I and Limited Phase II ESA for the property located at 1033 to 1057 South Olive Street in the City of Los Angeles, Los Angeles County, California.

8.1 Onsite

The subject property consists of five parcels of land on the north corner of South Olive Street and West 11th Street.

Historically the subject site has been utilized as residential until the early 1910's. Since then property uses have included wood working, spray painting, machine shop, celluloid storage (i.e. film vault), clothing manufacturing, printing, auto garage, auto showroom, "gasoline garage", messenger service, movie and photo supplies, stores, and warehousing.

Three small "tanks" were identified on a substructure map within the sidewalk along West 11 Street and South Olive Street. A previous geophysical survey identified three anomalies in the general vicinity of the former 'tank" locations within the sidewalk (Leighton, 2014).

Hazardous materials were not observed onsite during the site reconnaissance with the exception C.I. Printing located at 1035 South Olive Street. This business had numerous 1-gallon containers of printing ink, one 55-gallon drum of photoprocessing waste, and one 55-gallon drum of Solvit® QD.

Asbestos containing building materials, lead based paint, and universal waste were previously identified in a Limited Hazardous Materials Survey conducted at 1039 through 1057 South Olive Street (Leighton, 2014), and is likely also present at the building located at 1035 South Olive Street.

The subject site is located within the City of Los Angeles Methane Zone on the City of Los Angeles Department of Building and Safety's Zone Information and Map Access System (Figure 3 – Methane Zone).

Limited Phase II ESA

Due to the historical use of the building at 1035 South Olive Street utilized for wood working, spray painting, machine shop, and printing purposes, Leighton

conducted a Limited Phase II ESA. The results of the soil sampling analysis did not identify TPH, VOCs, and metals above laboratory reporting limits and/or applicable screening levels.

A Limited Phase II ESA was previously conducted at the properties located at 1039 through 1057 South Olive Street (see Section 3.7). The previous Phase II ESA did not identify contaminants at levels of concern in soil or soil vapor; therefore, these properties were not included in the present investigation (Leighton, 2014).

8.2 Offsite

In general, portions of the surrounding property have been developed since at least the 1880s. Currently, a multi-story residential and commercial structure is being built at the adjacent property to the northwest across the alley. To the southwest and south across West 11th Street, are parking lots. To the southeast, across South Olive Street, are commercial structures. Only two business names were identified to the southeast: ABC Embroidery and Washington Youth Employment Center. A multi-story residential and commercial structure is being built at the adjacent property to the northeast.

The EDR report did not identify any facilities of potential concern to the subject site. The EDR report identified numerous historical auto stations and historical cleaners located within a 0.25 mile radius of the subject site. Due to the historical use of the subject site and that the subject site vicinity has been developed for various commercial uses (automotive services, printing and cleaning services) since the early 1900s, there was considered a potential for vapor encroachment on the subject site. However; based on the current and previous Phase II ESA (Leighton, 2014) conducted at the subject site, there appears to be a low potential that offsite properties will adversely affect the subject site.

8.3 Data Gaps

ASTM E1527-13 requires review of standard historical sources at approximate five-year intervals from at least 1940 to the present, or the earliest development of the subject site. The availability of extensive historical information varies significantly between locations and it is common to have gaps in the data for one or more of the periods where historical property uses are unknown or uncertain.

There is also a potential for unidentified uses to have occurred between data points, or prior to the earliest acquired data.

The earliest data acquired for the subject site indicating past property usage was from 1888. There were intermittent gaps throughout the data collected, where historical property uses are unknown or uncertain; however, based on the subsequent subsurface environmental investigations, and the additional investigation recommended, data gaps in subject site history use are not expected to alter the conclusions or recommendations of this report.

The subject site was 95% covered with structures. Within the structures, approximately 70% of the ground surface was unobservable due to storage racks, warehousing materials, and retail items. There is a potential for encountering unknown conditions due to the limited access restricting observations and investigation on the subject site.

9.0 OPINION

9.1 Onsite

It is Leighton's understanding that preliminary designs for future site development are still in progress; however, the entire subject site will likely be excavated to a depth of at least 20 feet bgs or greater prior to construction. A methane survey has previously been conducted at the subject site for a proposed design of two levels of subsurface parking (approximately 20 feet bgs). If the proposed design extends deeper than 20 feet bgs, it is Leighton's opinion that a new methane survey may be necessary to meet the requirements of the City of Los Angeles Methane Testing Standards, Ordinance No. 175790. At a minimum, the installation of a soil vapor barrier and passive venting system will be required since the subject site is located within the City of Los Angeles methane zone. Low levels of VOCs have been detected in soil vapor at the subject site that are not considered a significant health risk; however, it is Leighton's opinion that inclusion of a passive barrier and the proposed subsurface parking will reduce the identified vapor risks to negligible levels.

It is Leighton's opinion that undocumented USTs are common in downtown Los Angeles. The construction contractor should be notified to halt activities and contact Leighton or an experienced environmental consultant if a UST, stained soil, or odorous soil is encountered. Additional investigation would be required to characterize potentially contaminated soil for offsite disposal.

Leighton conducted a Limited Phase II ESA in November 2014 on the properties located at 1039 through 1057 South Olive Street. Ten onsite soil samples were analyzed for lead and they were all reported to be well below the CHHSL of 80 mg/kg with the exception of B13-5 where lead was detected at 180 mg/kg. It is Leighton's opinion that this level of lead does not present a significant health risk due to the total of the ten samples being less than 80 mg/kg utilizing the upper 95% upper confidence limit. It is Leighton's understanding that the Site will be redeveloped with underground parking in the future and that soil will be excavated from the subject site. Based on the soil sampling conducted as part of the Limited Phase II ESAs it appears likely that the soil would be classified as non-hazardous; however, additional testing will likely be necessary in accordance with the receiving facility requirements.

It is Leighton's understanding that excavation will not occur within the public right of way where the anomalies were detected by the GPR survey. If excavation is to be conducted in this area, USTs may be encountered which would need to be removed under the oversight of the Los Angeles City Fire Department.

While not a REC, Leighton recommends the proper abatement and disposal of all identified asbestos containing building materials, lead-based paint, and universal waste.

9.2 Offsite

Based on the results of the soil and soil vapor survey, the City of Los Angeles requirements for a vented methane vapor barrier system, and the proposed subsurface parking, it is Leighton's opinion that there is a low potential for vapor intrusion issues to negatively impact the proposed development.

10.0 CONCLUSIONS

Leighton performed a Phase I and Limited Phase II ESA for the property located at 1033 to 1057 South Olive Street in the City of Los Angeles, Los Angeles County, California. Exceptions to, or deletions from this practice are described in Section 1.5 of this report. This assessment has not revealed evidence of RECs or CRECs on the subject site. The following HRECs were identified:

- Historical uses of the property have included wood working, spray painting, machine shop, film vault storage, printing, auto service, light manufacturing, and metal auto body works. Based on Phase II ESAs conducted, these former operations do not appear to have adversely affected the subject site soil or soil vapor in the areas investigated.

Although not considered a REC, the following items of interest are noted:

- The subject site is located within the City of Los Angeles Methane Zone. A previous methane survey conducted to a project design of two subsurface levels indicated the subject site would require Level I mitigation according to Los Angeles Municipal Code Ordinance No. 175790 (Leighton, 2014).
- Asbestos containing building materials and lead based paint have been identified in the structures at 1039 through 1057 South Olive Street. The building at 1035 South Olive Street also likely contains these materials.
- Undocumented USTs are common in downtown Los Angeles and could be located onsite.

Based upon the findings of this report, Leighton recommends:

- The City of Los Angeles Form 1 should be submitted to the City of Los Angeles Building and Safety Department with your development plans for review and approval. If the final subsurface design is greater than two levels or the validity of the methane report expires, a new methane survey may be required.
- The proper abatement and disposal of all identified asbestos containing building materials, lead-based paint, and universal waste.
- Inform the contractor that if stained or odorous soil or a UST is encountered during site redevelopment activities that all actions in that area should cease until an

environmental consultant is able to assess the area. If a UST is identified, a permit and oversight will be required by the Los Angeles Fire Department.

- In general, observations should be made during future development activities for features of concern or areas of possible contamination such as, but not limited to, the presence of underground facilities, buried debris, waste drums, tanks, soil staining or odorous soils. Further investigation and analysis may be necessary, should such materials be encountered.

11.0 DEVIATIONS

Leighton did not deviate from or alter the scope of work, as defined in Section 1.3 of this report.

12.0 ADDITIONAL SERVICES

Leighton did not perform work outside the scope of work as defined in Section 1.3 of this report.

13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

13.1 Corporate

Leighton is a California corporation, providing geotechnical and environmental consulting services throughout California. We are solely a consulting firm without interests in real property other than our offices in Southern California. We provide professional environmental consulting services including application of science and engineering to environmental compliance, hazardous materials/waste assessment and cleanup, and management of hazardous, solid and industrial waste. Phase I Environmental Property Assessments are a part of this practice area and have been conducted by us.

13.2 Individual

The qualifications of the Project Scientist and the other Leighton's environmental professionals involved in this Phase I ESA meet the Leighton's corporate requirements for performing Phase I ESAs as specified by ASTM E1527-13.

13.3 Environmental Professional Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental professional as defined by §312.10 of 40 CFR Part 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject site. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Meredith Church

Meredith Church
Senior Project Geologist

Leighton

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS - VOCs and TPH
Proposed Residential Development
1035 South Olive Street
Los Angeles, CA
Leighton Project No. 11202.001

Sample I.D.	Sample Date	Sample Depth (feet bgs)	VOCs (EPA Method 8260B) (mg/Kg)	TPH (EPA Method 8015C)			
				C6-C12 (mg/kg)	C8-C12 (mg/kg)	C13-C28 (mg/Kg)	C29-C40 (mg/Kg)
CH1-2.5	12/02/15	2.5	ND	<1.0	11	<10	<10
CH1-5.0	12/02/15	5	ND	<500	<10	<10	<10
CH1-10.0	12/02/15	10	ND	<500	<10	<10	<10
CH1-15.0	12/02/15	15	ND	<500	<10	<10	<10
CH1-20.0	12/02/15	20	ND	<500	<10	<10	<10
CH2-2.5	12/02/15	2.5	ND	<1.0	11	<10	<10
CH2-5.0	12/02/15	5	ND	<1.0	11	<10	<10
Maximum Soil Screening Levels (MSLs)*- Distance Above Groundwater 20 to 150 feet bgs			**NE**	**500**	**500**	**1,000**	**10,000**

Notes:
ND = Constituents were not detected above laboratory reporting limit.
feet bgs = feet below ground surface
mg/Kg = milligrams per Kilogram
*State Water Resource Control Board - Region 4, Underground Storage Tanks Closure Criteria

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS - METALS
Proposed Residentail Development
1035 South Olive Street
Los Angeles, CA
Leighton Project No. 11202.001

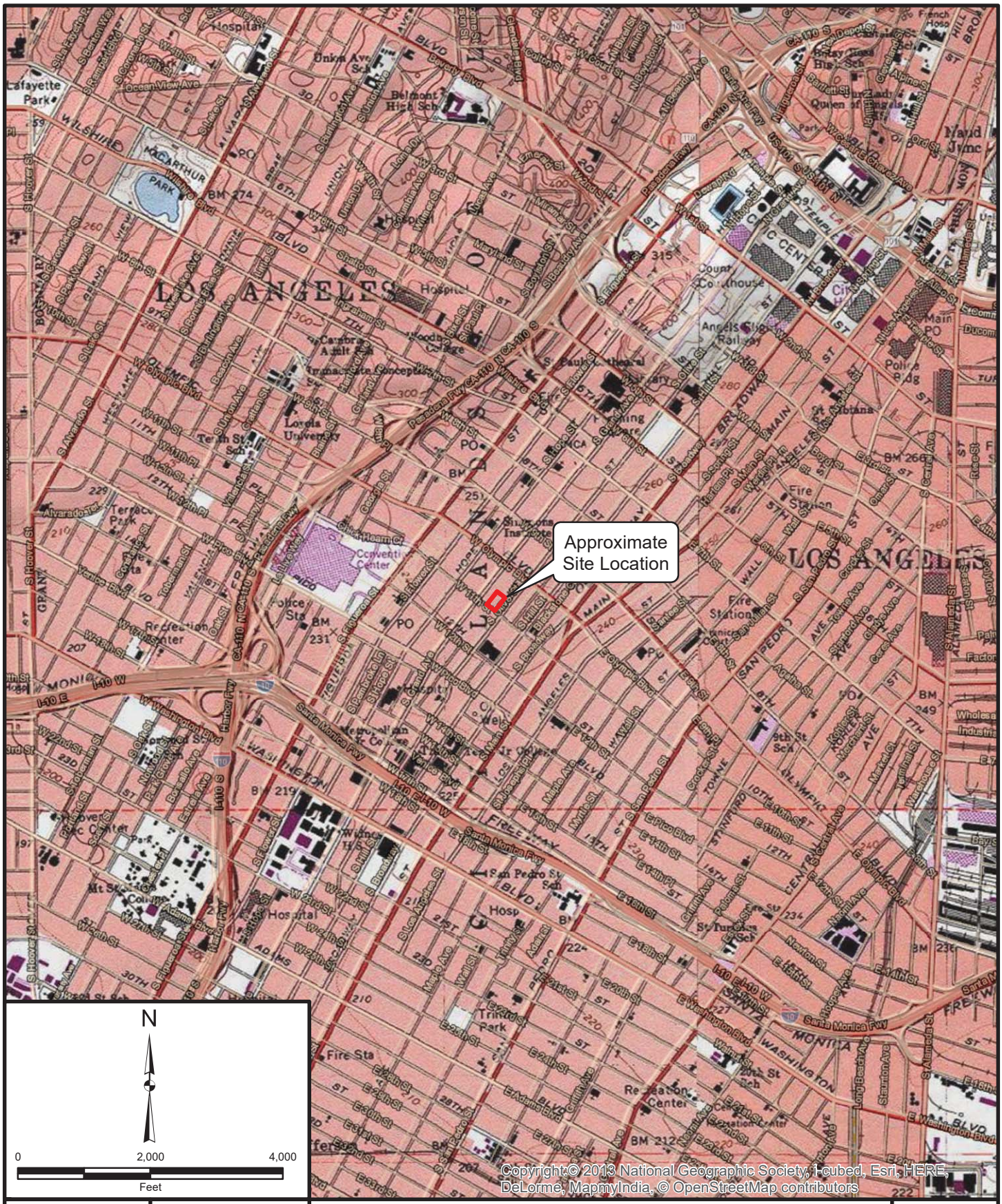
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Mercury (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
CH1-2.5	12/02/15	2.5	4.7	140	16	6.4	24	19	1.1	13	0.16	28	41
CH2-2.5	12/02/15	5	3.7	120	18	7.8	16	4.1	1.3	18	<0.1	33	32
Regional Screening Level - Residential Property November 2015			**12***	**15,000**	**N/A**	**23**	**3,100**	**80****	**390**	**1,500**	**11**	**390**	**23,000**

Notes:
feet bgs = feet below ground surface
mg/Kg = milligrams per Kilogram
< = not detected above this laboratory reporting limit
Values in **BOLD** are in exceedance of the established Regional Screening Levels or applicable screening level
Only metals reported above laboratory reporting limits in the borings have been displayed on this table.
*This value is the DTSC approved screening value for arsenic based on regional background concentrations
**80 mg/kg is the value DTSC Screening Level (SL)
N/A: Not applicable

TABLE 3
SOIL GAS SAMPLE ANALYTICAL RESULTS - VOCs,[1] TPH, and Methane
Proposed Residential Development
1035 South Olive Street
Los Angeles, CA
Leighton Project No. 11202.001

Sample I.D.	Sample Depth (feet bgs)	Sample Date	Tetrachloroethylene (EPA Method TO-15) (µg/L)	Benzene (EPA Method 8260B) (µg/L)	Ethylbenzene (EPA Method 8260B) (µg/L)	Toluene (EPA Method 8260B) (µg/L)	Xylenes (EPA Method 8260B) (µg/L)	Other VOCs (EPA Method 8260B) (µg/L)	Methane (Field Screening, RKI Eagle) (ppm[v])
CH1-5'	5	12/02/15	<0.008	0.019	0.101	0.187	0.103	ND	<100
CH1-15'	15	12/02/15	0.02	0.012	0.155	0.155	1.68	ND	<100
CH2-5'	5	12/2/15	0.053	<0.008	<0.008	0.022	<0.008	ND	<100
CH2-5' dup	5	12/2/15	0.053	<0.008	<0.008	0.019	<0.008	ND	<100
Regional Screening Level - Residential Property, November 2015			**0.48**	**0.097**	**1.1**	**5,200**	**100**	**N/A**	**N/A**

Notes:
feet bgs = feet below ground surface
µg/m^3 = micrograms per cubic meter
ppm(v) = parts per million by volume
< = not detected above this laboratory reporting limit
ND = Constituents were not detected above laboratory reporting limit.
NA = not applicable
-- = not analyzed
1. VOCs = Volatile Organic Compounds
2. TVOC = Total Volatile Organic Compounds
Values in **BOLD** are in exceedance of the established Regional Screening Levels



Project: 11202.001	Eng/Geol:MDC
Scale:1 " = 2,000 '	Date: January 2016

Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

SITE LOCATION MAP

1033 through 1057 South Olive Street
Los Angeles, California

Figure 1

Leighton

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Project: 11202.001	Eng/Geol:MDC
Scale: 1 " = 50 '	Date: January 2016

Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

SITE PLAN

1033 through 1057 South Olive Street
Los Angeles, California

Figure 2

Leighton

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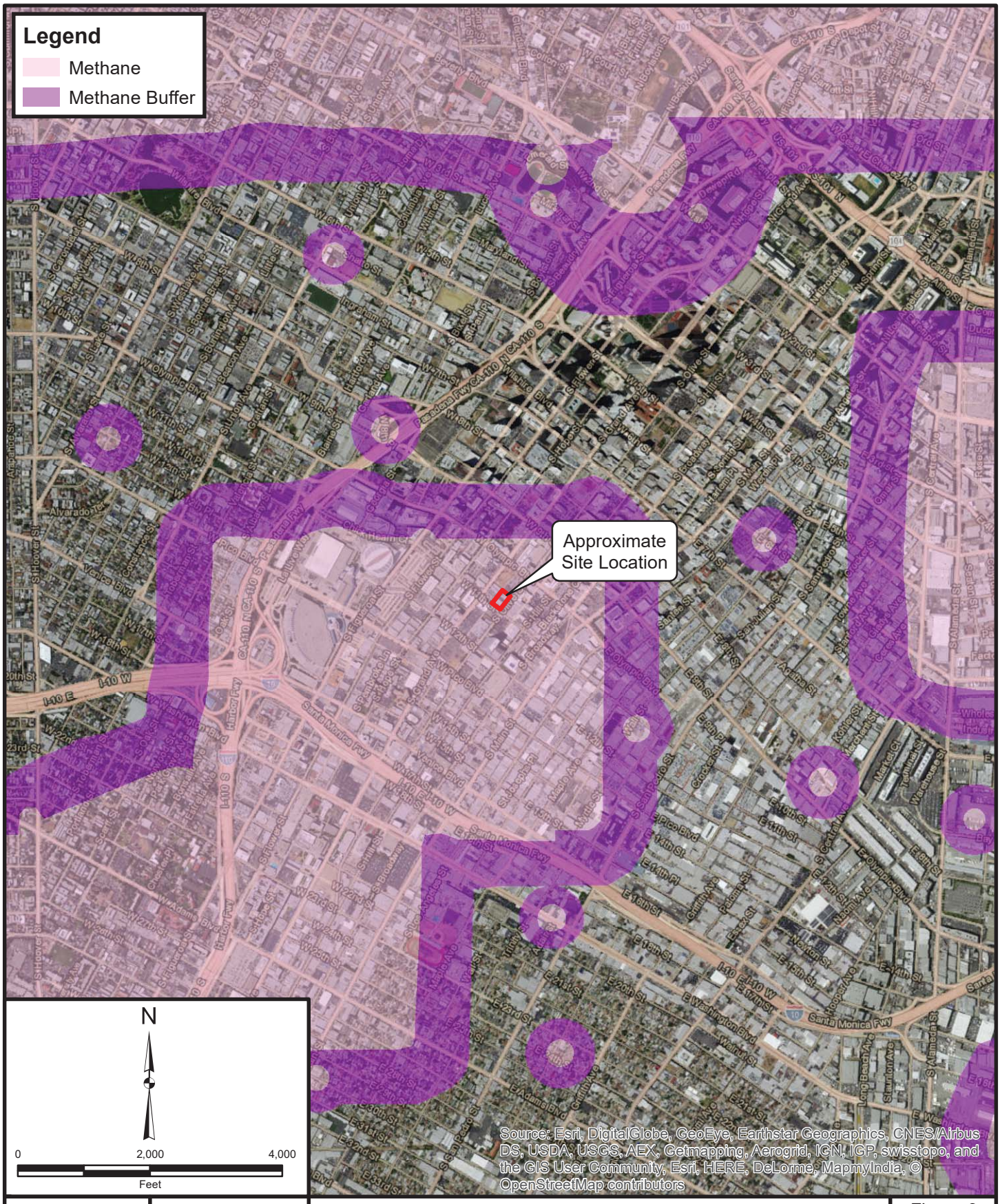

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Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

METHANE ZONE

1033 through 1057 South Olive Street
Los Angeles, California

Figure 3

Leighton

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APPENDIX A

REFERENCES

APPENDIX A

References

Andersen Environmental, Phase I Environmental Site Assessment Report, ACME Display Fixture Company, 1057 South Olive Street, Los Angeles, California 90015, Project No. 0805-386, June 18, 2008.

ASTM International, 2013, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-13, dated November 6, 2013.

Bureau Veritas, DRAFT Phase I Environmental Site Assessment, 1045 to 1057 South Olive Street, Los Angeles, California, Project No. 33114-014113.00, July 15, 2014.

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources, Online Mapping System, Accessed November 25, 2015.

California Department of Health Services Radon Program, Statewide Radon Database, http://www.cdph.ca.gov/healthinfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf, updated May 4, 2010.

California Department of Water Resources (CDWR), Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County, Appendix A, Ground Water Geology: Bulletin No.104, 1961.

Dibblee, T.W., Jr., Geologic Map of the Hollywood and Burbank (South ½) Quadrangles, Los Angeles County, California: Dibblee Geological Foundation Map #DF-30, 1991.

DTSC, 2008, Determination of a Southern California Regional Background Arsenic Concentration in Soil, presented at the Society of Toxicology Conference, March, 2008.

Environmental Data Resources, Inc., EDR Historical Topographic Map Report, January 30, 2013.

Environmental Data Resources, Inc., EDR Aerial Photo Decade Package, January 31, 2013.

Environmental Data Resources, Inc., EDR Radius Map Report, November 28, 2015.

Environmental Data Resources, Inc., EDR Certified Sanborn® Map Report, October 21, 2014.

Environmental Data Resources, Inc., EDR City Directory Image Report, October 22, 2014.

Environmental Protection Agency, California – EPA Map of Radon Zones, http://epa.gov/radon/zonemap.html, reviewed October 21, 2014.

GeoTracker, State Water Resources Control Board, http://geotracker.swrcb.ca.gov/, reviewed November 25, 2015.

Glenfos Inc., Environmental Site Assessment of 1045 South Olive Street, Los Angeles, California 90015, Project # P1-90015-092000, October 10, 2000.

Glenfos Inc., Phase II Environmental Site Assessment of 1045 South Olive Street, Los Angeles, California 90015, Project # P2-90015-101100, October 27, 2000.

Group Delta Consultants, Preliminary Geotechnical Recommendations Technical Memorandum, IR-625/High-Rise Building, S. Olive and W. 11th Street, Los Angeles, November 14, 2014.

Leighton and Associates, Phase I and Limited Phase II Environmental Assessment Report, 1037 to 1057 South Olive Street, City of Los Angeles, California, Project No. 10879.001, December 4, 2014.

National Pipeline Mapping System, https://www.npms.phmsa.dot.gov/, accessed November 25, 2015.

NETR Real Estate Research & Information, The NETR Environmental Lien Search Report, October 22 and 28, 2014.

NETR Real Estate Research & Information, The NETR Environmental Lien Search Report, December 1, 2015.

Office of Environmental Health Hazard Assessment, California Human Health Screening Levels, http://oehha.ca.gov/risk/chhsltable.html, September 23, 2010.

Southern California Air Quality Management District (SCAQMD) FIND Website, http://www.aqmd.gov/webappl/fim/default.htm, reviewed November 25, 2015.

APPENDIX B

SITE RECONNAISSANCE PHOTOS

Leighton

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **November 30, 2015**	
Client Name: **1045 Olive, LLC**	**Site Location:** **1033-1059 South Olive Street, Los Angeles, CA**	**Project No.** **11202.001**

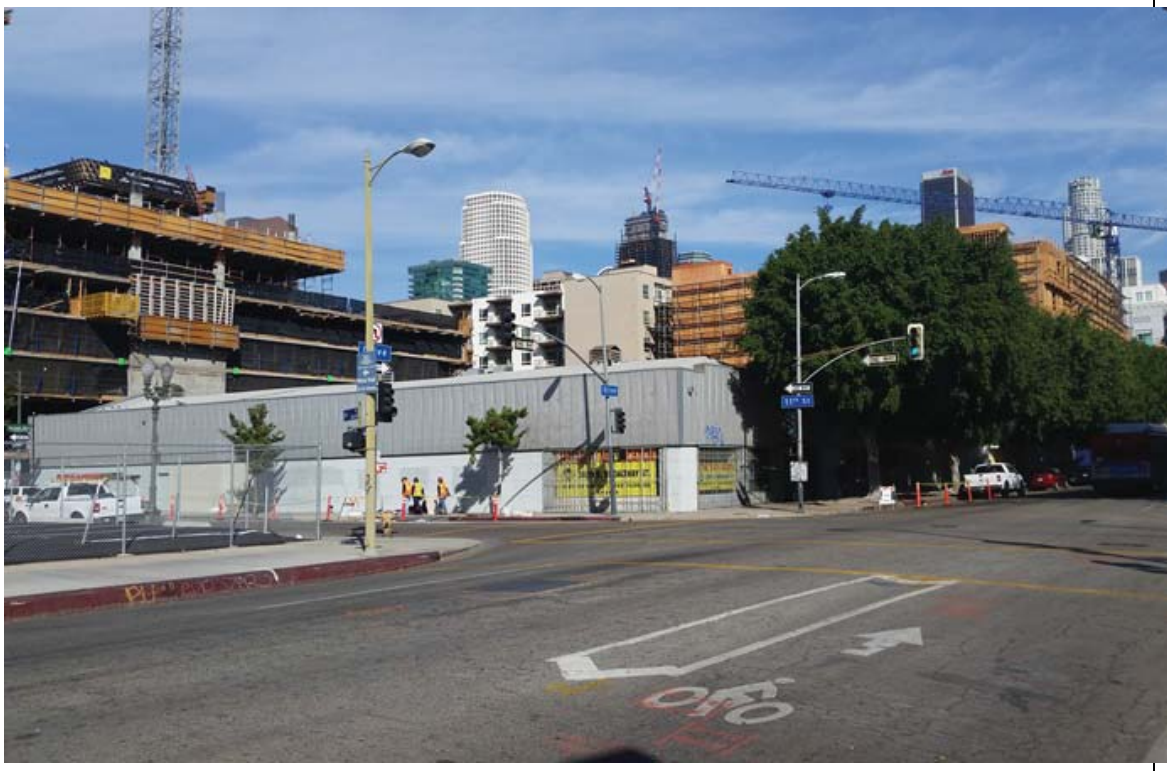
Photo No. 1 **View Direction of Photo:** North **Description:** View of the subject site at the intersection of West 11th Street and South Olive Street.	

Photo No. 2 **View Direction of Photo:** Southwest **Description:** View of the building fronts at the subject site from C.I. Printing located at 1035 South Olive Street.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **November 30, 2015**	
Client Name: **1045 Olive, LLC**	**Site Location:** **1033-1059 South Olive Street, Los Angeles, CA**	**Project No.** **11202.001**

Photo No. 3	
View Direction of Photo: Northwest	
Description: View of the interior of C.I. Printing. They store 1-gallon ink containers on shelving.	

Photo No. 4	
View Direction of Photo: Northwest	
Description: View of the 55-gallon drums of photochemical waste and Solvit QD.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **November 30, 2015**	
Client Name: **1045 Olive, LLC**	**Site Location:** **1033-1059 South Olive Street, Los Angeles, CA**	**Project No.** **11202.001**

Photo No. 5 **View Direction of Photo:** Northwest **Description:** View of a storage room located at 1035 South Olive Street, associated with C.I. Printing.	

Photo No. 6 **View Direction of Photo:** Southeast **Description:** View of the vacant unit at 1035A South Olive Street.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **November 30, 2015**	
Client Name: **1045 Olive, LLC**	**Site Location:** **1033-1059 South Olive Street, Los Angeles, CA**	**Project No.** **11202.001**

Photo No. 7 **View Direction of Photo:** Northeast **Description:** View of the rear of the unit located at 1035 South Olive Street.	

Photo No. 8 **View Direction of Photo:** Northwest **Description:** View of the interior of 1039 South Olive Street. The unit was formerly occupied by a shoe store; however, it was used as storage during the moving transition of the immigration office adjacent to the southwest (1041 South Olive Street).	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **November 30, 2015**	
Client Name: **1045 Olive, LLC**	**Site Location:** **1033-1059 South Olive Street, Los Angeles, CA**	**Project No.** **11202.001**

Photo No. 9 **View Direction of Photo:** Northwest **Description:** View of the interior of Oficina Chahin, an immigration office located at 1041 South Olive Street.	

Photo No. 10 **View Direction of Photo:** Southeast **Description:** View of the rear of 1039 and 1041 South Olive Street. There are five 55-gallon drums stored behind the black locked fence from a previous environmental investigation.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **November 30, 2015**	
Client Name: **1045 Olive, LLC**	**Site Location:** **1033-1059 South Olive Street, Los Angeles, CA**	**Project No.** **11202.001**

Photo No. 11 **View Direction of Photo:** Northwest **Description:** View of the interior of the northwest corner of 1045 South Olive Street. This area was used by Pacific Stair for storage purposes. A floor drain was observed. Staining was not observed in the vicinity of the drain.	

Photo No. 12 **View Direction of Photo:** Northwest **Description:** View of the interior of 1053 South Olive Street. This area was used by Pacific Stair for storage of stair and railing parts.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **November 30, 2015**	
Client Name: **1045 Olive, LLC**	**Site Location:** **1033-1059 South Olive Street, Los Angeles, CA**	**Project No.** **11202.001**

Photo No. 13 **View Direction of Photo:** Southeast **Description:** View of the northwest corner of 1057 South Olive Street. This portion of the building was used by Lend Lease for construction office purposes for the multi-story residential building under construction adjacent to the northwest.	

Photo No. 14 **View Direction of Photo:** Northwest **Description:** View of the interior of the southeast corner of 1057 South Olive Street. The area is under renovation for temporary use as a leasing office for the residential building under construction to the northwest.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **November 30, 2015**	
Client Name: **1045 Olive, LLC**	**Site Location:** **1033-1059 South Olive Street, Los Angeles, CA**	**Project No.** **11202.001**

Photo No. 15 **View Direction of Photo:** Northeast **Description:** View of the sidewalk fronting the subject site adjacent to South Olive Street.	

Photo No. 16 **View Direction of Photo:** Southeast **Description:** View of the sidewalk fronting the subject in front of 1045 South Olive Street.	

APPENDIX C

CLIENT SUPPLIED DOCUMENTATION

Leighton

Phase I ESA Users Questionnaire

Project Name: 1033 - 1057 S Olive St

Complete and Correct Address(es) of the Property and APN(s):

1033 - 1057 S Olive St. Los Angeles, CA 90015 : 5139-010-001; 5139-010-010; 5139-01

User Company Name:	**User Name/Title:**
1045 Olive, LLC	Elliott Kahn / President

User Phone/Email: 424-653-2100; elkahn@crescentheights.com

Interviewee Name and Relationship to Project:

Elliott Kahn

Site Owner: 1045 Olive, LLC & Young Sim Shin 2005 Revocable Trust

Reason Phase I is required:

Development & Acquisition Due Diligence

Type of property:

Single-story Warehouse / Office

Type of property transaction (e.g., Sale, purchase, exchange):

Purchase

Any scope of services beyond the ASTM Practice E 1527:

NO

All Parties that will rely on the Phase I report:

1045 Olive, LLC a Delaware Limited Liability Company

Name and Contact Information for Site Contact:

Elliott Kahn

Any special terms or conditions:

NO

Any other pertinent knowledge or experience with the property (e.g., prior reports, documents, correspondence concerning the environmental conditions of the property):

Leighton Phase I and Limited Phase II for 1039 - 1057 S Olive St prepared for Lennar hai

(1). Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Did a search of recorded land title records (or judicial records where appropriate identify any environmental liens filed or recorded against the property under federal, tribal, state or local law? Yes | ✓ No

If Yes, Describe:

(2). Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law? Yes | ✓ No

If Yes, Describe:

(3). Specialized knowledge or experience of the person seeking to qualify for the Landowners Liability Protections (LLP) (40 CFR 312.28).

Do you have any specialized knowledge or experience related to the property or the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes | ✓ No

If Yes, Describe:

(4). Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 DRF 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

✓ Yes | No

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? Yes | ✓ No

If Yes, Describe:

(5). Commonly known or reasonable ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the property that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the property? Yes | ✓ No

(b.) Do you know of specific chemicals that are present or once were present at the property? Yes | ✓ No

(c.) Do you know of spills or other chemical releases that have taken place at the property? Yes | ✓ No

(d.) Do you know of any environmental cleanups that have taken place at the property? Yes | ✓ No

If Yes, Describe:

(6). The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

Based on your knowledge and experience related to the *property*, are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property?* Yes | ✓ No

If Yes, Describe:

Signature

1/25/2016

Date

Leighton

APPENDIX D

ENVIRONMENTAL LIEN REPORT

Leighton

The NETR Environmental Lien Search Report

1033 AND 1035 SOUTH OLIVE STREET
LOS ANGELES, CALIFORNIA

Tuesday, December 1, 2015

Project Number: L15-03299

2055 East Rio Salado Parkway
Tempe, Arizona 85281

Telephone: 480-967-6752
Fax: 480-966-9422

ENVIRONMENTAL LIEN REPORT

The NETR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' office, registries of deed, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved and description); and
- provide a copy of the deed or cite documents reviewed;

Thank you for your business
Please contact NETR at 480-967-6752
with any questions or comments

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ENVIRONMENTAL LIEN REPORT

The NETR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

1033 and 1035 South Olive Street
Los Angeles, California

RESEARCH SOURCE

Source: Los Angeles County Assessor
Los Angeles County Recorder

DEED INFORMATION

Type of Instrument: Quit Claim Deed

Grantor: Yoon Chul Shin and Mai Ja Shin, husband and wife

Grantee: Dong Ho Shin and Young Sim Shin, husband and wife

Deed Dated: 03/24/1994
Deed Recorded: 04/14/1994
Instrument: 94-729309

Type of Instrument: Quit Claim Deed

Grantor: Dong Ho Shin, spouse of Grantee

Grantee: Young Sim Shin, an unmarried woman

Deed Dated: 04/02/2004
Deed Recorded: 04/08/2004
Instrument: 2004-0855739

Type of Instrument: Grant Deed

Grantor: Young Sim Shin, an unmarried woman

Grantee: Young Sim Shin, as Trustee of the Young Sim Shin 2005 Revocable Trust

Deed Recorded: 12/23/2005
Instrument: 2005-3173726

LEGAL DESCRIPTION

Lot 4, in the subdivision of Hayward's Subdivision of a Part of Block 70 of Ord's Survey, according to the map or plat thereof, as filed of record in Book 1, Page 33, Los Angeles County, State of California

Assessor's Parcel Number(s): 5139-010-008

ENVIRONMENTAL LIEN REPORT

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

RECORDING REQUESTED BY
AND WHEN RECORDED MAIL TO:
Rubin & Rahe
315 S. Beverly Drive
Penthouse Suite
Beverly Hills, CA 90212
MAIL TAX STATEMENTS TO:
Dong Ho Shin & Young Sim Shin
1035 S. Olive Street
Los Angeles, CA 90015

94- 729309

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA
21 MIN PAST 8 AM APR 14 1994

FEE
$7
D

Documentary Transfer Tax: None.

"This is a bonafide gift and the grantor received nothing in return, R&T 11911."

Signature of Declarant or Agent

QUITCLAIM DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, Yoon Chul Shin and Mai Ja Shin, Husband and Wife as Community Property

hereby remise, release and forever quitclaim to Dong Ho Shin and Young Sim Shin, Husband and Wife as Community Property

the following described real property in the City of Los Angeles

County of Los Angeles, State of California:

Lot 4 of Hayward's Subdivision of part of Block 70 of Ord's Survey, in the City of Los Angeles, as per map recorded in Book 1, Page 33 of Maps in the office of the County Recorder of said County.

APN: 5139-010-008

Commonly known as: 1033-35 South Olive Street, Los Angeles, California

DATED: March 24 1994

YOON CHUL SHIN

MAI JA SHIN

ACKNOWLEDGMENT

STATE OF CALIFORNIA)
) ss.
COUNTY OF LOS ANGELES)

On March 24 1994 **, before me,** Kelly McKeehan **, a Notary Public in and for said County and State, personally appeared YOON CHUL SHIN and MAI JA SHIN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.**

WITNESS my hand and official seal.

Signature Kelly McKeehan **(SEAL)**

KELLY MC KEEHAN
COMM. #953078
Notary Public-California
LOS ANGELES COUNTY
My comm. expires JAN 16,1996

This page is part of your document - DO NOT DISCARD

04 0855739

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA
3:01 PM APR 08 2004

TITLE(S) : DEED

LEAD SHEET

FEE

FEE $10 PP
2

D.T.T

NOTIFICATION SENT-$4

CODE
20

CODE
19

CODE
9____

Assessor's Identification Number (AIN)
To be completed by Examiner OR Title Company in black ink.

Number of AIN's Shown

5139 - 010 - 008

001

THIS FORM NOT TO BE DUPLICATED

2

04 0855739

RECORDING REQUESTED BY

AND WHEN RECORDED MAIL TO
YOUNG SIM SHIN
1035 S OLIVE ST ,
LOS ANGELES, CA 90015

Space Above This Line for Recorder's Use Only

A P N **5139-010-008**

QUITCLAIM DEED

THE UNDERSIGNED GRANTOR(s) DECLARE(s) DOCUMENTARY TRANSFER TAX $NONE
[X] computed on full value of property conveyed, or
[ ] computed on full value less value of liens or encumbrances remaining at time of sale,
[ ] unincorporated area, [X] City of LOS ANGELES , and

FOR A VALUABLE CONSIDERATION, Receipt of which is hereby acknowledged,
DONG HO SHIN, a Spouse of Grantee

hereby remise, release and forever quitclaim to
YOUNG SIM SHIN, an Unmarried Woman.

the following described property in the City of **LOS ANGELES**, County of **LOS ANGELES** State of California,

See Exhibit "A" attached hereto and made a part hereof.

Commonly known as **1033-1035 S. OLIVE ST., LOS ANGELES, CA 90015**

"This conveyance is in dissolution of marriage by one spouse to the other, R & T 11927"

LT.

DONG HO SHIN

Document Date April 2, 2004

STATE OF CALIFORNIA)SS
COUNTY OF Los Angeles)
On APRIL 2, 2004 before me, LORETTA CHANG, NOTARY PUBLIC
personally appeared DONG HO SHIN ,
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument

WITNESS my hand and official seal

Signature

This area for official notarial seal

LORETTA CHANG
Comm # 1427810
NOTARY PUBLIC CALIFORNIA
Los Angeles County
My Comm Expires July 26, 2007

Mail Tax Statements to SAME AS ABOVE or Address Noted Below

3

04 0855739

Exhibit "A"

Lot 4 of Hayward's Subdivision of part of Block 70 of Ord's Survey, in the city of Los Angeles, as per map recorded in Book 1, Page 33 of Maps in the office of the County Recorder of said county.

APN: 5139-010-008

This page is part of your document - DO NOT DISCARD

05 3173726

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA

8:04 AM DEC 23 2005

TITLE(S) : DEED

LEAD SHEET

FEE: FEE $13 LL 3		D.T.T.	
CODE 20			
CODE 19			
CODE 9____			

Assessor's Identification Number (AIN)
To be completed by Examiner OR Title Company in black ink.

5139 - 010 - 008

Number of AIN's Shown

001

THIS FORM IS NOT TO BE DUPLICATED

Recording requested by:
SUH & TAYLOR

When recorded mail to:
and mail tax statements to:

Young Sim Shin
1035 S. Olive Street
Los Angeles, California 90015

05 3173726

Space above this line for recorder's use

GRANT DEED

APN: 5139-010-008

The Undersigned grantors declare
Documentary Transfer Tax is $ 0.00 City Tax $ 0 00
( ) computed on full value of property conveyed, or computed on full value less value of liens or encumbrances remaining at time of sale
( ) Unincorporated area: (X) City of Los Angeles and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, Young Sim Shin, an unmarried woman,

hereby GRANT(S) to Young Sim Shin, as trustee of the Young Sim Shin 2005 Revocable Trust, the following described real property in the County of Los Angeles, State of California:

See legal description attached hereto as Exhibit "A"

Dated: Dec 2 2005

Young Sim Shin, Trustee

"This conveyance transfers an interest into or out of a Living Trust, R & T 11930."

State of California
County of Los Angeles

On Dec. 2, 2005, before me, Elizabeth Lee, a notary public in the State of California, personally appeared Young Sim Shin, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____ [Seal]

ELIZABETH LEE
Commission # 1547742
Notary Public - California
Los Angeles County
My Comm. Expires Jan 28, 2009

05 3173726

3

"EXHIBIT A"

Lot 4 of Hayward's Subdivision of part of Block 70 of Ord's Survey, in the City of Los Angeles, as per map recorded in Book 1, Page 33 of Maps in the office of the County Recorder of said County.

APN: 5139-010-008

Commonly known as: 1033-35 South Olive Street, Los Angeles, California

94 729309 05 3173726

RECORDING REQUESTED BY:
AND WHEN RECORDED MAIL TO:
Rubin & Rahe
315 S. Beverly Drive
Penthouse Suite
Beverly Hills, CA 90212
MAIL TAX STATEMENTS TO:
Dong Ho Shin & Young Sim Shin
1035 S. Olive Street
Los Angeles, CA 90015

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA
21 MIN PAST 8 AM APR 14 1994

FEE $7 D

Documentary Transfer Tax: None.

"This is a bonafide gift and the grantor received nothing in return, R&T 11911."

Signature of Declarant or Agent

QUITCLAIM DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, Yoon Chul Shin and Mai Ja Shin, Husband and Wife as Community Property

hereby remise, release and forever quitclaim to Dong Ho Shin and Young Sim Shin, Husband and Wife as Community Property

the following described real property in the City of Los Angeles

County of Los Angeles, State of California:

Lot 4 of Hayward's Subdivision of part of Block 70 of Ord's Survey, in the City of Los Angeles, as per map recorded in Book 1, Page 33 of Maps in the office of the County Recorder of said County.

APN: 5139-010-008

Commonly known as: 1033-35 South Olive Street, Los Angeles, California

DATED: March 24 1994

YOON CHUL SHIN

MAI JA SHIN

ACKNOWLEDGMENT

STATE OF CALIFORNIA)
) ss.
COUNTY OF LOS ANGELES)

On March 24 1994, before me, Kelly McKeehan a Notary Public in and for said County and State, personally appeared YOON CHUL SHIN and MAI JA SHIN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Kelly McKeehan (SEAL)

KELLY MC KEEHAN
COMM. #999276
Notary Public-California
LOS ANGELES COUNTY
My comm. expires JAN 19, 1996

** TOTAL PAGE.02 **

EXHIBIT 'A'

The NETR Environmental Lien Search Report

1041 SOUTH OLIVE STREET
LOS ANGELES, CALIFORNIA

Tuesday, October 28, 2014

Project Number: L14-02347

2055 East Rio Salado Parkway
Tempe, Arizona 85281

Telephone: 480-967-6752
Fax: 480-966-9422

ENVIRONMENTAL LIEN REPORT

The NETR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' office, registries of deed, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved and description); and
- provide a copy of the deed or cite documents reviewed;

Thank you for your business
Please contact NETR at 480-967-6752
with any questions or comments

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ENVIRONMENTAL LIEN REPORT

The NETR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

1041 South Olive Street
Los Angeles, California

RESEARCH SOURCE

Source: Los Angeles County Assessor
Los Angeles County Recorder

DEED INFORMATION

Type of Instrument: Corporation Grant Deed

Grantor: Beatrice Foods Co., successor by merger with Mitchell & Herb Engraving Co.

Grantee: Jose E. Chahin & E. Yolanda Chahin, husband and wife

Deed Dated: 08/26/1977
Deed Recorded: 09/23/1977
Instrument: 1053668

Type of Instrument: Grant Deed

Grantor: E. Yolanda Chahin, a widow

Grantee: Edna Y. Chahin, as Trustee of the Edna Y. Chahin Family Trust

Deed Dated: 08/27/2013
Deed Recorded: 05/09/2014
Instrument: 484511

LEGAL DESCRIPTION

Part of Lots 3 & 4, Block 70, in the subdivision of Blocks 62, 70, and 78 of Ord's Survey, according to the map or plat thereof, as filed of record in Book 43, Page 74, Los Angeles County, State of California

Assessor's Parcel Number(s): 5139-010-002

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

[redacted]

RECORDING REQUESTED BY

RECORDED AT THE REQUEST OF CALIF. LAND TITLE CO

AND WHEN RECORDED MAIL TO

Name / Street Address / City & State:
Mr. and Mrs. Jose E. Chahin
2500 North Verdugo Road
Glendale, California

77-1053668

RECORDED IN OFFICIAL RECORDS OF LOS ANGELES COUNTY, CA.
SEP 23 1977 AT 8 A.M.
Recorder's Office

FEE $3 M

SPACE ABOVE THIS LINE FOR RECORDER'S USE

MAIL TAX STATEMENTS TO

Name / Street Address / City & State:
AS ABOVE SET FORTH

DOCUMENTARY TRANSFER TAX $100.10
X COMPUTED ON FULL VALUE OF PROPERTY CONVEYED,
OR COMPUTED ON FULL VALUE LESS LIENS AND ENCUMBRANCES REMAINING AT TIME OF SALE
Bill Bird - Los Angeles Land
Signature of Declarant or Agent determining tax. Firm Name

Corporation Grant Deed

TO 606 2 CA (6-71)

THIS FORM FURNISHED BY TITLE INSURANCE AND TRUST COMPANY

(44)

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
BEATRICE FOODS CO., SUCCESSOR BY MERGER WITH
MITCHELL & HERB ENGRAVING CO.
a corporation organized under the laws of the state of California
hereby GRANTS to

JOSE E. CHAHIN and E. YOLANDA CHAHIN, husband and wife as Joint Tenants

the following described real property in the City of Los Angeles
County of Los Angeles, State of California:

Part of Lots 3 and 4 in Block 70 of the Subdivision of Blocks 62, 70 and 78 of Ord's Survey, as per map recorded in Book 43 Page 74 of Miscellaneous Records, in the office of the County Recorder of said County.

Beginning at a point in the Northwesterly line of Olive Street, distant 150 feet Northeasterly from its intersection, with the Northeasterly line of Eleventh Street; thence Northwesterly at right angles to a point which would be intersected by the Southwesterly prolongation of the Northwesterly line of Lot 4 of Hayward's Subdivision, as per map recorded in Book 1 Page 33 of Maps, in the office of the County Recorder of said County; thence Northeasterly 50 feet more or less, to the Westerly corner of said Lot 4, of Hayward's Subdivision; thence Southeasterly along the Southwesterly line thereof, 167.30 feet to the Northwesterly line of Olive Street; thence Southwesterly along said line of Olive Street, 50 feet to the point of beginning.

In Witness Whereof, said corporation has caused its corporate name and seal to be affixed hereto and this instrument to be executed by its Executive Vice President and Assistant Secretary thereunto duly authorized.

Dated: August 26, 1977

BEATRICE FOODS CO., SUCCESSOR BY MERGER WITH MITCHELL & HERB ENGRAVING CO.

By _____ President

By _____ Secretary

STATE OF ILLINOIS
COUNTY OF COOK } ss.

On August 26, 1977 before me, the undersigned, a Notary Public in and for said State, personally appeared James Weiss known to me to be the Executive Vice President, and Charles E. Harrison known to me to be Assistant Secretary of the Corporation that executed the within Instrument, known to me to be the persons who executed the within Instrument on behalf of the Corporation therein named, and acknowledged to me that such Corporation executed the within Instrument pursuant to its by-laws or a resolution of its board of directors.

WITNESS my hand and official seal.

Signature Melanie M. DeHaan

Melanie M. DeHaan
Name (Typed or Printed)

(This area for official notarial seal)

Title Order No. _____ Escrow or Loan No. _____

MAIL TAX STATEMENTS AS DIRECTED ABOVE

40

[redacted]

END OF RECORDED DOCUMENT

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20140484511

Recorded/Filed in Official Records
Recorder's Office, Los Angeles County,
California

05/09/14 AT 11:28AM

Pages:
0003

FEES:	35.00
TAXES:	0.00
OTHER:	0.00
PAID:	35.00

LEADSHEET

201405092820094

00009157599

006180044

SEQ:
01

DAR - Mail (Hard Copy)

THIS FORM IS NOT TO BE DUPLICATED

E227338

Recording Requested by:

Edna Y. Chahin
2500 N. Verdugo Rd.
Glendale, CA 91208-2337

When Recorded Mail Deed and Tax Statements to:

Edna Y. Chahin
2500 N. Verdugo Rd.
Glendale, CA 91208-2337

2

05/09/2014

20140484511

This space for Recorder's use

APN: 5139-010-002

Grant Deed

This transfer is exempt from the documentary transfer tax. This conveyance transfers an interest into or out of a Living Trust under §11930 of the Revenue and Taxation Code.

For a valuable consideration, receipt of which is hereby acknowledged,

E. Yolanda Chahin, a widow

hereby grant(s) to:

Edna Y. Chahin, as trustee of the **EDNA Y. CHAHIN FAMILY TRUST** dated December 6, 1995,

the following described real property in the County of Los Angeles, State of California:

SEE ATTACHED LEGAL DESCRIPTION

Dated: August 27, 2013

E. Yolanda Chahin

E. Yolanda Chahin

On August 27, 2013, before me, C. L. McKeown, a notary public, personally appeared E. Yolanda Chahin, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

C. L. MCKEOWN
Commission # 1871254
Notary Public - California
Los Angeles County
My Comm. Expires Dec 12, 2015

(Seal)

APN: 5139-010-002

LEGAL DESCRIPTION ATTACHMENT TO GRANT DEED

Part of Lots 3 and 4 in Block 70 of the Subdivision of Blocks 62, 70, and 78 of Ord's Survey, as per map recorded in Book 43, Page 74 of miscellaneous records, in the Office of the County Recorder of said county.

Beginning at a point in the Northwesterly line of Olive street, distant 150 feet Northeasterly from its intersection, with the Northeasterly line of Eleventh Street; thence Northwesterly at right angles to a point which would be intersected by the Southwesterly prolongation of the Northwesterly line of Lot 4 of Hayward's Subdivision, as per map recorded in Book 1, Page 33 of maps, in the Office of the County Recorder of said county thence Northeasterly 50 feet more or less, to the Westerly corner of said Lot 4 of Hayward's Subdivision; thence Southeasterly along the Southwesterly line thereof, 167.30 feet to the Northwesterly line of Olive Street; thence Southwesterly along said line of Olive Street, 50 feet to the point of beginning.

The NETR Environmental Lien Search Report

1047, 1053, 1055 AND 1057 SOUTH OLIVE STREET AND 315 WEST 11TH STREET
LOS ANGELES, CALIFORNIA

Wednesday, October 22, 2014

Project Number: L14-02295

2055 East Rio Salado Parkway
Tempe, Arizona 85281

Telephone: 480-967-6752
Fax: 480-966-9422

ENVIRONMENTAL LIEN REPORT

The NETR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' office, registries of deed, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved and description); and
- provide a copy of the deed or cite documents reviewed;

Thank you for your business
Please contact NETR at 480-967-6752
with any questions or comments

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ENVIRONMENTAL LIEN REPORT

The NETR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

1047, 1053, 1055 and 1057 South Olive Street and 315 West 11th street
Los Angeles, California

RESEARCH SOURCE

Source: Los Angeles County Assessor
Los Angeles County Recorder

DEED INFORMATION

Type of Instrument: Quit Claim Deed

Grantor: Richard M. Berenzweig, a married man as his sole and separate property

Grantee: Richard Berenzweig, Trustee of the Richard Berenzweig Trust, as to an undivided 74.16% interest

Deed Dated: 10/02/2006
Deed Recorded: 10/17/2006
Instrument: 2307535

Type of Instrument: Quit Claim Deed

Grantor: Richard M. Berenzweig, a married man as his sole and separate property

Grantee: Richard Berenzweig, Trustee of the Richard Berenzweig Trust, as to an undivided 25.84% interest

Deed Dated: 05/09/2014
Deed Recorded: 06/20/2014
Instrument: 0639279

LEGAL DESCRIPTION

The Southerly 50 feet of Lot 1, Block 70, in the subdivision of Ord's Survey, according to the map or plat thereof, as filed of record in Book 43, Page 74, Los Angeles County, State of California

Assessor's Parcel Number(s): 5139-010-001

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

ENVIRONMENTAL LIEN REPORT

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

ENVIRONMENTAL LIEN REPORT

TARGET PROPERTY INFORMATION

ADDRESS

1047, 1053, 1055 and 1057 South Olive Street and 315 West 11th street
Los Angeles, California

RESEARCH SOURCE

Source: Los Angeles County Assessor
Los Angeles County Recorder

DEED INFORMATION

Type of Instrument: Quit Claim Deed

Grantor: Richard M. Berenzweig, a married man as his sole and separate property

Grantee: Richard Berenzweig, Trustee of the Richard Berenzweig Trust, as to an undivided 71.59% interest

Deed Dated: 10/02/2006
Deed Recorded: 10/17/2006
Instrument: 2307535

Type of Instrument: Quit Claim Deed

Grantor: Richard M. Berenzweig, a married man as his sole and separate property

Grantee: Richard Berenzweig, Trustee of the Richard Berenzweig Trust, as to an undivided 28.41% interest

Deed Dated: 05/09/2014
Deed Recorded: 06/20/2014
Instrument: 0639278

LEGAL DESCRIPTION

The Southeasterly 165 feet of Tract 62, according to the map or plat thereof, as filed of record in Book 13, Page 104, Los Angeles County, State of California

Assessor's Parcel Number(s): 5139-010-011

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

ENVIRONMENTAL LIEN REPORT

TARGET PROPERTY INFORMATION

ADDRESS

1047, 1053, 1055 and 1057 South Olive Street and 315 West 11th street
Los Angeles, California

RESEARCH SOURCE

Source: Los Angeles County Assessor
Los Angeles County Recorder

DEED INFORMATION

Type of Instrument: Grant Deed

Grantor: Harold Tennen and Roberta Tennen, Trustees of the Harold and Roberta Tennen Family Trust

Grantee: Richard Berenzweig, Trustee of the Richard Berenzweig Trust

Deed Dated: 01/02/2001
Deed Recorded: 01/04/2001
Instrument: 0016635

LEGAL DESCRIPTION

That portion of Lots 2 & 3, Block 70, in the subdivision of Ord's Survey, according to the map or plat thereof, as filed of record in Book 43, Page 74, Los Angeles County, State of California

Assessor's Parcel Number(s): 5139-010-010

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

This page is part of your document - DO NOT DISCARD

06 2307535

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA

9:21 AM OCT 17 2006

TITLE(S) : DEED

LEAD SHEET

FEE
Code 01 - 10.00
Code 18 - 04.00

Code D003 - 001

D.T.T.
Code 0 - 00.00

CODE
20

CODE
19

CODE
9

Grand Total = $14.00

Page Count = 2

Assessor's Identification Number (AIN)
To be completed by Examiner OR Title Company in black ink.

Number of AIN's Shown

5139 - 010 - 001

002

THIS FORM IS NOT TO BE DUPLICATED

(2)

RECORDING REQUESTED BY & MAIL TO
Joel Sachs, Esq.
SILVER & FREEDMAN
2029 Century Park East, 19th Floor
Los Angeles, CA 90067

06 2307535

MAIL TAX STATEMENTS TO:

Richard M. Berenzweig
1057 South Olive Street
Los Angeles, CA 90015

(SPACE ABOVE FOR RECORDER'S USE)

*CORRECTING QUITCLAIM DEED

***APN #5139-010-001 & 5139-010-011**

The undersigned Grantors declare:
Documentary transfer tax is: NONE.

FOR NO CONSIDERATION, RICHARD M. BERENZWEIG, a married man as his sole and separate property

hereby GRANTS to RICHARD BERENZWEIG, TRUSTEE, THE RICHARD BERENZWEIG TRUST

the following described real property in the City of Los Angeles, County of Los Angeles, State of California:

Parcel One:

An undivided 71.59% interest in the Southeasterly 165 feet of Tract No. 62 in the City and County of Los Angeles, as per map recorded in Book 13, Page 104 of Maps in the Office of the Los Angeles County Recorder.

Parcel Two:

An undivided 74.16% interest in the Southerly 50 feet of Lot 1, in Block 70 of Ord's Survey in the City of Los Angeles, County of Los Angeles as per map recorded in Book 43, Page 74 of Miscellaneous Records in the office of the County Recorder of said County.

More commonly known as: 1053 and 1057 S. Olive Street, Los Angeles, CA 90015

*This Grant Deed corrects that Grant Deed signed August 16, 1999 and filed January 5, 2000 as Instrument No. 00-0014123.

"The value of the property in this conveyance, exclusive of liens and encumbrances is $100 or less, and there is no additional consideration received by the Grantor, R&T11911."

Dated: 10/2/06

Richard M. Berenzweig
RICHARD M. BERENZWEIG

06 2307535

STATE OF CALIFORNIA)
Riverside)SS.
COUNTY OF ~~LOS ANGELES~~

On October 2, 2006, before me Terry M. Caramello, a Notary Public, personally appeared RICHARD M. BERENZWEIG, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity~~(ies)~~, and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Terry M Caramello
Notary's Signature

TERRY M. CARAMELLO
Commission # 1412914
Notary Public — California
Riverside County
My Comm. Expires Apr 25, 2007

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20140639279

Recorded/Filed in Official Records
Recorder's Office, Los Angeles County,
California

06/20/14 AT 08:00AM

Pages:
0003

FEES:	28.00
TAXES:	0.00
OTHER:	0.00
PAID:	28.00

LEADSHEET

201406200120010

00009312118

006252333

SEQ:
10

DAR - Title Company (Hard Copy)

THIS FORM IS NOT TO BE DUPLICATED

T72

E534413

CHICAGO TITLE COMPANY

2

RECORDING REQUESTED BY
AND WHEN RECORDED RETURN TO:
Silver Law Group, APLC
1100 Glendon Ave., 14th Floor
Los Angeles, CA 90024
Attention: Joel Sachs, Esq.

MAIL TAX STATEMENTS TO:
Richard Berenzweig
1057 S. Olive St.
Los Angeles, CA 90015

06/20/2014
20140639279

QUITCLAIM DEED

2

APN: 5139-010-001

THE UNDERSIGNED GRANTOR(S) DECLARE(S)

DOCUMENTARY TRANSFER TAX is $0*

- ☐ computed on full value of property conveyed, or
- ☐ computed on full value less value of liens or encumbrances remaining at time of sale,
- ☐ Unincorporated area: ☒ City of: Los Angeles

FOR NO CONSIDERATION, RICHARD BERENZWEIG, a married man, as his sole and separate property

hereby quitclaims to: RICHARD BERENZWEIG, as trustee of the RICHARD BERENZWEIG TRUST, dated August 16, 1999

all the Grantor's right, title, and interest in and to that certain real property located in the City of Los Angeles, County of Los Angeles, State of California.

THE SOUTHERLY 50 FEET OF LOT 1, IN BLOCK 70 OF ORD'S SURVEY IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 43, PAGE 74 OF MISCELLANEOUS RECORDS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

More Commonly known as: 1057 S. Olive St. Los Angeles, CA 90015

* "This conveyance transfers an interest into or out of a Living Trust, R&T 11930"

IN WITNESS WHEREOF, the Grantor has executed this Quitclaim Deed on May 9, 2014.

RICHARD BERENZWEIG

10C

23367-X23

STATE OF CALIFORNIA)
)
COUNTY OF Riverside)

On MAY 09, 2014 before me, PAUL A. GLASS, NOTARY PUBLIC (here insert name and title of the officer), personally appeared RICHARD BERENZWEIG, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

PAUL A GLASS
Commission # 1964017
Notary Public - California
Riverside County
My Comm. Expires Dec 17, 2015

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20140639278

Recorded/Filed in Official Records
Recorder's Office, Los Angeles County,
California

06/20/14 AT 08:00AM

Pages:
0003

FEES:	28.00
TAXES:	0.00
OTHER:	0.00
PAID:	28.00

LEADSHEET

201406200120010

00009312117

006252333

SEQ:
09

DAR - Title Company (Hard Copy)

THIS FORM IS NOT TO BE DUPLICATED

T72

ES34013

CHICAGO TITLE COMPANY

7

RECORDING REQUESTED BY
AND WHEN RECORDED RETURN TO:
Silver Law Group, APLC
1100 Glendon Ave., 14th Floor
Los Angeles, CA 90024
Attention: Joel Sachs, Esq.

MAIL TAX STATEMENTS TO:
Richard Berenzweig
1057 S. Olive St.
Los Angeles, CA 90015

06/20/2014
20140639278

2

QUITCLAIM DEED

APN: 5139-010-011

THE UNDERSIGNED GRANTOR(S) DECLARE(S)

DOCUMENTARY TRANSFER TAX is $0*

- ☐ computed on full value of property conveyed, or
- ☐ computed on full value less value of liens or encumbrances remaining at time of sale,
- ☐ Unincorporated area: ☒ City of: Los Angeles

FOR NO CONSIDERATION, RICHARD BERENZWEIG, a married man, as his sole and separate property

hereby quitclaims to: RICHARD BERENZWEIG, as trustee of the RICHARD BERENZWEIG TRUST dated August 16, 1999

all the Grantor's right, title, and interest in and to that certain real property located in the City of Los Angeles, County of Los Angeles, State of California.

THE SOUTHEASTERLY 165 FEET OF TRACT NO. 62 IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 13, PAGE 104 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

More Commonly known as: 1053 S. Olive St. Los Angeles, CA 90015

* "This conveyance transfers an interest into or out of a Living Trust, R&T 11930"

IN WITNESS WHEREOF, the Grantor has executed this Quitclaim Deed on May 9, 2014.

RICHARD BERENZWEIG

9

23367-X27

STATE OF CALIFORNIA)
)
COUNTY OF Riverside)

On MAY 09, 2014 before me, PAUL A. GLASS, NOTARY PUBLIC (here insert name and title of the officer), personally appeared RICHARD BERENZWEIG, who proved to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by his/~~her~~/~~their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Paul A. Glass (Seal)

PAUL A GLASS
Commission # 1964017
Notary Public - California
Riverside County
My Comm Expires Dec 17, 2015

LEAD SHEET

01 0016635

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA
JAN 04 2001
AT 8 A.M.

SPACE ABOVE THIS LINE FOR RECORDERS USE

TITLE(S)

Deed

FEE

FEE $13 M
3

D.T.T.

NOTIFICATION SENT-$4 ©

CODE 20

CODE 19

CODE 9___

SURVEY, MONUMENT FEE $10. CODE 95

Assessor's Identification Number (AIN)
To Be Completed By Examiner OR Title Company In Black Ink

5139-010-010

Number of Parcels Shown

001

THIS FORM IS NOT TO BE DUPLICATED

2

01 0016635

RECORDING REQUESTED BY

AND WHEN RECORDED MAIL TO:
Provident 147177-2
RICHARD BERENZWEIG
C/O ACME DISPLAY
P.O. BOX 15445
LOS ANGELES, CA 90015

MAIL TAX STATEMENTS TO:

SAME AS ABOVE

GRANT DEED

A.P.N. #5139-010-010

TRANSFER TAX
NOT A PUBLIC RECORD

THE UNDERSIGNED GRANTORS DECLARE(S):

DOCUMENTARY TRANSFER TAX NOT SHOWN PURSUANT TO SECTION 11932 OF THE REVENUE AND TAXATION CODE, AS AMENDED

FOR VALUABLE CONSIDERATION, RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED,

HAROLD TENNEN AND ROBERTA TENNEN, TRUSTEES OF THE HAROLD AND ROBERTA TENNEN FAMILY TRUST UNDER DECLARATION OF TRUST DATED AUGUST 8, 1985

HEREBY GRANT(S) TO:

RICHARD BERENZWEIG, TRUSTEE OF THE RICHARD BERENZWEIG TRUST DATED AUGUST 16, 1999

THE FOLLOWING DESCRIBED REAL PROPERTY IN THE CITY OF LOS ANGELES COUNTY OF LOS ANGELES, STATE OF CALIFORNIA:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

GRANT DEED (CONTINUED)

IN WITNESS WHEREOF, THE GRANTOR HAS CAUSED THIS GRANT DEED TO BE EXECUTED AS OF THE 2ND DAY OF JANUARY 2001.

SIGNATURE OF GRANTOR

HAROLD TENNEN AND ROBERTA TENNEN,
TRUSTEES OF THE HAROLD AND ROBERTA TENNEN
FAMILY TRUST UNDER DECLARATION OF
TRUST DATED AUGUST 8, 1985

BY: Harold Tennen
HAROLD TENNEN, TRUSTEE

Roberta Tennen
BY: ROBERTA TENNEN, TRUSTEE

NOTARY ACKNOWLEDGMENT:

STATE OF CALIFORNIA)
) SS.
COUNTY OF LOS ANGELES)

ON JANUARY 2ND 2001, BEFORE ME JONG H. KIM THE UNDERSIGNED A NOTARY PUBLIC IN AND FOR SAID STATE, PERSONALLY APPEARED

HAROLD TENNEN AND ROBERTA TENNEN

PERSONALLY KNOWN TO ME OR PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

WITNESS MY HAND AND OFFICIAL SEAL.

Jong H. Kim

JONG H. KIM
Commission # 1147231
Notary Public - California
Los Angeles County
My Comm. Expires Aug 15, 2001

01 0016635

EXHIBIT "A"

THAT PORTION OF LOTS 2 AND 3 IN BLOCK 70 OF ORD'S SURVEY, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 43 PAGE 74 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

COMMENCING ON THE WEST LINE OF OLIVE STREET AT A POINT DISTANT 100 FEET NORTHERLY FROM THE NORTHWEST CORNER OF OLIVE STREET AND ELEVENTH STREETS RUNNING THENCE NORTHERLY ON SAID WEST LINE OF OLIVE STREET 50 FEET; THENCE AT RIGHT ANGLES WESTERLY ON A LINE PARALLEL WITH ELEVENTH STREET 165 FEET; THENCE AT RIGHT ANGLES SOUTHERLY ON A LINE PARALLEL WITH OLIVE STREET 50 FEET; AND THENCE AT RIGHT ANGLES EASTERLY ON A LINE PARALLEL WITH ELEVENTH STREET 165 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PROPERTY IS SHOWN AS A PORTION OF LOT "A" ON THE MAP OF TRACT NO. 1011, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 18 PAGE 26 OF MAPS.

5139	10 SHEET	P. A. 1044-10	TRA 13264	REVISED: 751226 880323-88	20020919 2014052019006001-23 2014121802008001-28	20150212020170001-23			SEARCH NO		OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 2002

015

MAPPING AND GIS SERVICES
SCALE 1" = 50'

HAYWARD'S SUBDIVISION
OF PART OF BLOCK 70
ORD'S SURVEY
MB 1-33

PG 9

PG 8

PG 11

PG 20

CF 390

CF 1186

CSB 265

90 AVE

90 GRAND

90 ST

90 OLIVE

60 11TH

60 ST

BLOCK 70

ORD'S SURVEY

TRACT NO 1011
MB 18 - 26

TRACT NO 62
MB 13 - 104

M R 43

TRACT NO 1806
MB 20-140

Date Printed: 1/30/2015 4:20:41 PM
Date Saved: 1/20/2015 12:50:53 PM

APPENDIX E

ENVIRONMENTAL RADIUS REPORT

Leighton

Olive Street
1033-1057 South Olive Street
Los Angeles, CA 90015

Inquiry Number: 4477686.2s
November 28, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
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Map Findings	8
Orphan Summary	214
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1033-1057 SOUTH OLIVE STREET
LOS ANGELES, CA 90015

COORDINATES

Latitude (North):	34.0414000 - 34˚ 2' 29.04''
Longitude (West):	118.2609000 - 118˚ 15' 39.24''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	383609.0
UTM Y (Meters):	3767268.8
Elevation:	248 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630741 HOLLYWOOD, CA
Version Date:	2012
East Map:	5630795 LOS ANGELES, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120505
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1033-1057 SOUTH OLIVE STREET
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	C I PRINTING	1035 S OLIVE ST	HAZNET		TP
A2	PRATT W M	1027 S OLIVE ST	EDR Hist Auto	Higher	47, 0.009, ENE
A3	CAMP G N	1100 S OLIVE ST	EDR Hist Auto	Lower	75, 0.014, South
A4	RISDEN C W	1115 S OLIVE ST	EDR Hist Auto	Lower	136, 0.026, SSW
A5	WHITLEY J A	1114 S OLIVE ST	EDR Hist Auto	Lower	139, 0.026, South
B6	COPPLE AUTO SERVICE	1032 S OLIVE ST	EDR Hist Auto	Higher	183, 0.035, ENE
C7	HOFFMAN E H	1122 S OLIVE ST	EDR Hist Auto	Lower	186, 0.035, SSW
C8	KELLEY BROS	1127 S OLIVE ST	EDR Hist Auto	Lower	207, 0.039, SSW
D9	NEW WELL HAND LAUNDR	1056 S GRAND AVE	EDR Hist Cleaner	Higher	211, 0.040, NNW
D10	REAGAN KAZAR	1055 S GRAND AVE	EDR Hist Auto	Higher	221, 0.042, NNW
C11	HOFFMAN E H	1128 S OLIVE ST	EDR Hist Auto	Lower	222, 0.042, SSW
D12	HANSEN SERVICE	1053 S GRAND AVE	EDR Hist Auto	Higher	223, 0.042, NNW
D13	MOSES F N	1101 S GRAND AVE	EDR Hist Auto	Lower	223, 0.042, West
B14	CLEGHORN R W	1025 S OLIVE ST	EDR Hist Auto	Higher	231, 0.044, ENE
C15	MORRIS J H	1130 S OLIVE ST	EDR Hist Auto	Lower	233, 0.044, SSW
C16	TRANSAMERICA CENTER/	1133 S OLIVE ST	UST	Lower	244, 0.046, SSW
C17	LUARD L S	1133 S OLIVE ST	EDR Hist Auto	Lower	244, 0.046, SSW
C18	SERVICE STATION 2686	1133 S OLIVE ST	HIST UST	Lower	244, 0.046, SSW
C19	TRANSAMERICA OCCIDEN	1133 S OLIVE ST	SWEEPS UST, CA FID UST	Lower	244, 0.046, SSW
C20	JOHNSON J W REAR	1132 S OLIVE ST	EDR Hist Auto	Lower	245, 0.046, SSW
C21	CLEGHORN ROBT	1137 S OLIVE ST	EDR Hist Auto	Lower	268, 0.051, SSW
B22	FERGUSON TOW SERVICE	1017 S OLIVE ST	EDR Hist Auto	Higher	282, 0.053, NE
C23	LUARD L S	1138 S OLIVE ST	EDR Hist Auto	Lower	282, 0.053, SSW
D24	SCHAEFER A E	1023 S GRAND AVE	EDR Hist Auto	Higher	322, 0.061, North
E25	WILSON L C	208 W 11TH ST	EDR Hist Cleaner	Lower	326, 0.062, SSE
B26	SCHULTZ R R	1008 S OLIVE ST	EDR Hist Auto	Higher	335, 0.063, NE
C27	TRANSAMERICA OCCIDEN	1150 S OLIVE ST	SWEEPS UST, CA FID UST, EMI	Lower	337, 0.064, SSW
C28	SCHERER S A	1148 S OLIVE ST	EDR Hist Auto	Lower	343, 0.065, SSW
B29	PARAMOUNT REPAIR SHO	1006 S OLIVE ST	EDR Hist Auto	Higher	348, 0.066, NE
C30	SPEEDO ELECTRIC CO	1155 S OLIVE ST	EDR Hist Auto	Lower	378, 0.072, SSW
F31	LEE TONG	1146 S GRAND AVE	EDR Hist Cleaner	Lower	393, 0.074, WSW
B32	US FEDERAL RESERVE B	409 W OLYMPIC BLVD	RCRA NonGen / NLR, FINDS	Higher	402, 0.076, NE
B33		409 W OLYMPIC BLVD	UST	Higher	402, 0.076, NE
F34	WHITLEY JAS	1148 S GRAND AVE	EDR Hist Auto	Lower	403, 0.076, WSW
B35	BECHTEL E H	435 W OLYMPIC BLVD	EDR Hist Auto	Higher	408, 0.077, NE
G36	KEE WONG	1002 S GRAND AVE	EDR Hist Cleaner	Higher	426, 0.081, North
G37	SHELL SERVICE STATIO	504 OLYMPIC BLVD. W.	LUST	Higher	453, 0.086, North
G38		504 W OLYMPIC BLVD	EDR Hist Auto	Higher	466, 0.088, North
G39	TEXACO	504 W OLYMPIC BLVD	HIST UST	Higher	466, 0.088, North

MAPPED SITES SUMMARY

Target Property Address:
1033-1057 SOUTH OLIVE STREET
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	SHELL SERVICE STATIO	504 W OLYMPIC BLVD	RCRA-SQG, FINDS, HAZNET	Higher	466, 0.088, North
G41	TEXACO STATION	504 W OLYMPIC BLVD	UST	Higher	466, 0.088, North
G42	HARRY'S AUTO SERVICE	504 W OLYMPIC BLVD	SWEEPS UST, CA FID UST	Higher	466, 0.088, North
G43	SHELL SERVICE STATIO	504 W OLYMPIC BLVD	RCRA-SQG, HAZNET	Higher	466, 0.088, North
G44	UNK	501 W OLYMPIC BLVD	CA FID UST	Higher	466, 0.088, North
G45	GRAND PHOENIX CORP	501 W OLYMPIC BLVD	UST, SWEEPS UST	Higher	466, 0.088, North
E46	HOWIE A S	1102 S HILL ST	EDR Hist Auto	Lower	470, 0.089, SSE
H47	PHELEN FRANK	1050 S HILL ST	EDR Hist Auto	Higher	470, 0.089, ESE
G48	HARRY HAHN	505 W OLYMPIC BLVD	HIST UST	Higher	474, 0.090, North
49	A COMPANY CLEANERS	363 W OLYMPIC BLVD	EDR Hist Cleaner	Higher	479, 0.091, ENE
E50	ASSOCIATED PRESS	1111 S HILL ST	RCRA-SQG, FINDS	Lower	484, 0.092, SSE
H51	BUCHER E R	1021 S HILL ST	EDR Hist Auto	Higher	521, 0.099, East
H52	MARK GABAY	1022 S HILL ST	SWEEPS UST, CA FID UST	Higher	524, 0.099, East
53	KIM Y H	426 W 11TH ST	EDR Hist Cleaner	Lower	527, 0.100, WNW
I54	KELLEY BROS	1127 S HILL ST	EDR Hist Auto	Lower	595, 0.113, South
I55	FOWLER L D	1129 S HILL ST	EDR Hist Auto	Lower	613, 0.116, South
I56	FC BROADWAY AND HILL	1108 S HILL STREET	ENVIROSTOR, VCP	Lower	618, 0.117, SSE
J57	WILLYS DISTRIBUTORS	1058 S HOPE ST	EDR Hist Auto	Higher	623, 0.118, NW
J58	WARD GRIFFEN	1030 S HOPE ST	EDR Hist Auto	Higher	652, 0.123, NNW
59	TAYLOR T W	962 S OLIVE ST	EDR Hist Auto	Higher	655, 0.124, NE
I60	TRANSAMERICA CORP.	1149 S HILL ST	UST	Lower	671, 0.127, South
I61	OCCUPANT	1149 S HILL ST	SWEEPS UST, CA FID UST, WIP	Lower	671, 0.127, South
K62	CHEVRON 91030	599 W OLYMPIC BLVD	SWEEPS UST, CA FID UST	Higher	742, 0.141, NNW
K63	91030	599 W OLYMPIC BLVD	HIST UST	Higher	742, 0.141, NNW
K64	UNION BANK SERVICE C	1000 S HOPE ST	HIST UST	Higher	743, 0.141, NNW
K65	UNION BANK SERVICE C	1000 S HOPE ST	SWEEPS UST, CA FID UST	Higher	743, 0.141, NNW
L66	A AND B AUTO BODY WO	1101 S BROADWAY	RCRA-SQG, FINDS	Lower	780, 0.148, SE
L67	BONE DEEP - HERRALD	1111 S BROADWAY	RCRA NonGen / NLR	Lower	788, 0.149, SE
M68	MFS INTELENET	1149 S BROADWAY	UST	Lower	901, 0.171, SSE
M69	ANACOMP INC	1149 S BROADWAY ST	RCRA NonGen / NLR, FINDS, HAZNET	Lower	901, 0.171, SSE
70	GOODYEAR SERVICE CEN	940 S HILL ST	HIST UST	Higher	922, 0.175, ENE
K71	COMMUNITY REDEVELOPM	956 S HOPE ST	SWEEPS UST, CA FID UST	Higher	923, 0.175, North
N72	PROPERTY UNDER CONST	1050-1070 FLOWER ST.	LUST	Lower	929, 0.176, NW
M73	TRANSAMERICA REALTY	150 W 12TH ST	SWEEPS UST, CA FID UST	Lower	964, 0.183, South
O74	FEDERAL RESERVE BANK	950 S GRAND AV	SWEEPS UST, CA FID UST, EMI	Higher	995, 0.188, NNE
O75	US FEDERAL RESERVE B	950 S GRAND	RCRA-SQG, FINDS	Higher	995, 0.188, NNE
O76	FEDERAL RESERVE BANK	950 S GRAND AVE	UST	Higher	995, 0.188, NNE
O77	COMMUNITY REDEVELOPM	943 S GRAND AVE	SWEEPS UST	Higher	1007, 0.191, NNE
N78	BIG TICKET PROD ASIA	1100 S FLOWER	RCRA-SQG, FINDS	Lower	1040, 0.197, WNW

MAPPED SITES SUMMARY

Target Property Address:
1033-1057 SOUTH OLIVE STREET
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
P79	BILTMORE CLEANERS	342 W 9TH ST	RCRA-SQG, FINDS, DRYCLEANERS, HAZNET	Higher	1065, 0.202, NE
P80	RESTORE NEIGHBORHOOD	315 W 9TH STREET, SU	RCRA-LQG, FINDS	Higher	1097, 0.208, NE
P81	EXXONMOBIL OIL CORP	315 W 9TH ST	RCRA NonGen / NLR	Higher	1097, 0.208, NE
82	ARCO #5033	1151 S FLOWER ST	LUST	Lower	1109, 0.210, WNW
83	CR AND A CUSTOM INC	312 W PICO BLVD	RCRA-SQG, HAZNET	Lower	1217, 0.230, SW
Q84	SERVICE STATION 3300	730 W OLYMPIC BLVD	HIST UST	Higher	1228, 0.233, NNW
Q85	UNOCAL 76	730 W OLYMPIC BLVD	SWEEPS UST, CA FID UST	Higher	1228, 0.233, NNW
Q86	UNION OIL SERVICE ST	730 W OLYMPIC BLVD	HIST UST	Higher	1228, 0.233, NNW
Q87	UNOCAL CORPORATION	730 OLYMPIC BLVD	LUST, EMI, HIST CORTESE	Higher	1228, 0.233, NNW
R88	LOS ANGELES HERALD E	1111 S BROADWAY	HIST UST	Lower	1236, 0.234, SSE
R89	LOS ANGELES HERALD E	1111 S BROADWAY	SWEEPS UST, CA FID UST	Lower	1236, 0.234, SSE
Q90	FELIX CHEVROLET	714 W OLYMPIC BLVD	SWEEPS UST, CA FID UST, HAZNET	Higher	1249, 0.237, NNW
R91	LOS ANGELES HERALD E	1201 S MAIN ST	SWEEPS UST, CA FID UST	Lower	1264, 0.239, South
R92	FC BROADWAY AND HILL	1201 S MAIN STREET	ENVIROSTOR, VCP	Lower	1264, 0.239, South
R93	LOS ANGELES HERALD E	1201 S MAIN ST # 19	HIST UST	Lower	1264, 0.239, South
94	BOOKBINDERS CO	1240 S HOPE ST	RCRA-SQG, FINDS	Lower	1273, 0.241, WSW
95	9TH & HILL PARTNERSH	220 W 9TH ST	SWEEPS UST, CA FID UST	Higher	1311, 0.248, ENE
S96	CITY OF LOS ANGELES	1111 FIGUEROA	SLIC	Lower	1488, 0.282, WNW
S97	CITY OF LOS ANGELES	1111 S FIGUEROA	SLIC	Lower	1488, 0.282, WNW
S98	DEMOCRATIC NATIONAL	1111 SOUTH FIGUEROA	CERCLIS	Lower	1488, 0.282, WNW
99	DOWNTOWN CAR WASH	811 OLYMPIC BLVD W	LUST	Higher	1578, 0.299, NW
100	JOHNSON BRONZE COMPA	1818 S. GRAND AVENUE	ENVIROSTOR	Higher	1614, 0.306, NNE
101	CONVENTION CENTER	1201 FIGUEROA ST S	LUST, ENF, HIST CORTESE	Lower	1623, 0.307, West
102	STAPLES ARENA	740-750 WEST 10TH PL	SLIC	Lower	1933, 0.366, WNW
T103	PILLACK PROPERTY	1410 GRAND AVE	LUST	Lower	1950, 0.369, SW
104	801 TOWER BUILDING	845 FIGUEROA AVE S	LUST, HIST CORTESE	Higher	2064, 0.391, NNW
T105	CITY OF LOS ANGELES	1450 GRAND	SLIC	Lower	2224, 0.421, SW
U106	MOBIL OIL, CORPORATI	617 7TH	HIST CORTESE	Higher	2385, 0.452, NNE
107	CAL ST, GEN SERV DEP	1525 S BROADWAY	LUST, EMI	Lower	2386, 0.452, SSW
U108	RITE AID #6383	600 W 7TH ST	LUST, HAZNET	Higher	2387, 0.452, NNE
109	KIRK-RICH DIALS	404 W. 7TH STREET, S	CERCLIS	Higher	2414, 0.457, NE
110	UNITED BUILDING ASSO	707 S BROADWAY #411	ENVIROSTOR	Higher	2478, 0.469, ENE
111	MOBIL #11-H3K	1600 HILL ST S	LUST	Lower	2530, 0.479, SSW
V112	M & M HOLDING, LLC	629 S. HILL STREET #	ENVIROSTOR	Higher	2728, 0.517, NE
V113	LOS ANGELES UNITED I	650 S. HILL STREET #	ENVIROSTOR	Higher	2743, 0.520, NE
V114	ATLAS PRECIOUS METAL	640 S HILL ST	HWP	Higher	2806, 0.531, NE
W115	PARK CENTRAL BUILDIN	412 W 6TH ST	RCRA-SQG, ENVIROSTOR, FINDS	Higher	3068, 0.581, NE
W116	WEST SIXTH & BROADWA	314 W. SIXTH STREET	ENVIROSTOR, EMI	Higher	3105, 0.588, NE
117	BELMONT NEW PRIMARY	927-937 BLAINE STREE	ENVIROSTOR, SCH	Higher	3530, 0.669, NW

MAPPED SITES SUMMARY

Target Property Address:
1033-1057 SOUTH OLIVE STREET
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
118	JEFFRIES BANKNOTE CO	1330 WEST PICO BLVD	ENVIROSTOR	Lower	3660, 0.693, West
119	BELMONT PRIMARY CENT	950 SOUTH ALBANY STR	ENVIROSTOR, SCH	Higher	3862, 0.731, NW
120	LAUSD MASTER AGREEME	1449 SOUTH SAN PEDRO	ENVIROSTOR, SCH	Lower	4083, 0.773, SSE
121	GOOD SAMARITAN HOSPI	1225 WILSHIRE	ENVIROSTOR, LUST	Higher	4372, 0.828, NNW
122	GRATTS NEW PRIMARY C	WEST 6TH STREET/BIXE	ENVIROSTOR, SCH	Higher	4473, 0.847, North
123	ACE PLATING CO., INC	719 TOWNE AVENUE	ENVIROSTOR, SLIC, CHMIRS, LA Co. Site Mitigation	Higher	4508, 0.854, ESE
124	CENTRAL REGION 9TH S	8TH ST./TOWNE AVE./9	ENVIROSTOR, SCH	Lower	4527, 0.857, ESE
X125	EAST VALLEY AREA NEW	VINELAND AVENUE/CUMP	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X126	WILSON NEW ELEMENTAR	HUNTINGTON DR/LIFUR	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X127	WEEMES ELEMENTARY SC	1201-1203, 1205, 120	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X128	VINE NEW PRIMARY CEN	LA MIRADA AVE/CAHUEN	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X129	CAHUENGA NEW ELEMENT	WESTERN AVENUE/OXFOR	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X130	EAST VALLEY MIDDLE S	LAUREL CANYON BOULEV	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X131	BELMONT NEW PRIMARY	LAKE STREET/ROSELAKE	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X132	EAST LOS ANGELES HIG	BELVEDERE PARK/CESAR	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X133	CENTRAL LOS ANGELES	BROADWAY/GRAND AVE/3	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X134	JEFFERSON NEW ELEMEN	WADWORTH AVENUE/52ND	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X135	MARSHALL NEW PRIMARY	LEXINGTON AVE/WESTMO	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X136	FREMONT NEW PRIMARY	MENLO AVENUE/BARING	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
X137	SANTA MONICA NEW PRI	SANTA MONICA BLVD/GO	ENVIROSTOR, SCH	Higher	4539, 0.860, NNE
138	ROYAL PLATING CO	787 E 15TH ST	RCRA-SQG, ENVIROSTOR, UST, VCP, SWEEPS UST, HIST...	Lower	4904, 0.929, SSE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
C I PRINTING 1035 S OLIVE ST LOS ANGELES, CA 90015	HAZNET GEPAID: CAL000090993	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
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

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... National Clandestine Laboratory Register
AOCONCERN..... San Gabriel Valley Areas of Concern
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program

CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	Clandestine Drug Labs

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
EMI	Emissions Inventory Data

ENF Enforcement Action Listing
Financial Assurance Financial Assurance Information Listing
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
WASTEWATER PITS Oil Wastewater Pits Listing
WDS Waste Discharge System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there are 2

CERCLIS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KIRK-RICH DIALS	404 W. 7TH STREET, S	NE 1/4 - 1/2 (0.457 mi.)	109	109

Lower Elevation	Address	Direction / Distance	Map ID	Page
DEMOCRATIC NATIONAL	1111 SOUTH FIGUEROA	WNW 1/4 - 1/2 (0.282 mi.)	S98	87

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 06/09/2015 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RESTORE NEIGHBORHOOD	***315 W 9TH STREET, SU***	***NE 1/8 - 1/4 (0.208 mi.)***	***P80***	***65***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 9 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATIO	***504 W OLYMPIC BLVD***	***N 0 - 1/8 (0.088 mi.)***	***G40***	***26***
SHELL SERVICE STATIO	***504 W OLYMPIC BLVD***	***N 0 - 1/8 (0.088 mi.)***	***G43***	***32***
US FEDERAL RESERVE B	***950 S GRAND***	***NNE 1/8 - 1/4 (0.188 mi.)***	***O75***	***58***
BILTMORE CLEANERS	***342 W 9TH ST***	***NE 1/8 - 1/4 (0.202 mi.)***	***P79***	***62***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ASSOCIATED PRESS	***1111 S HILL ST***	***SSE 0 - 1/8 (0.092 mi.)***	***E50***	***36***
A AND B AUTO BODY WO	***1101 S BROADWAY***	***SE 1/8 - 1/4 (0.148 mi.)***	***L66***	***49***
BIG TICKET PROD ASIA	***1100 S FLOWER***	***WNW 1/8 - 1/4 (0.197 mi.)***	***N78***	***60***
CR AND A CUSTOM INC	***312 W PICO BLVD***	***SW 1/8 - 1/4 (0.230 mi.)***	***83***	***70***
BOOKBINDERS CO	***1240 S HOPE ST***	***WSW 1/8 - 1/4 (0.241 mi.)***	***94***	***85***

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 08/03/2015 has revealed that there are 30 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOHNSON BRONZE COMPA Facility Id: 19340506 Status: Refer: Other Agency	1818 S. GRAND AVENUE	NNE 1/4 - 1/2 (0.306 mi.)	100	91
UNITED BUILDING ASSO Facility Id: 71003260 Status: Refer: Other Agency	707 S BROADWAY #411	ENE 1/4 - 1/2 (0.469 mi.)	110	110
M & M HOLDING, LLC Facility Id: 71003306 Status: Refer: Other Agency	629 S. HILL STREET #	NE 1/2 - 1 (0.517 mi.)	V112	114
LOS ANGELES UNITED I Facility Id: 71003114 Status: Refer: Other Agency	650 S. HILL STREET #	NE 1/2 - 1 (0.520 mi.)	V113	115
PARK CENTRAL BUILDIN Facility Id: 71003138 Status: Refer: Other Agency	***412 W 6TH ST***	***NE 1/2 - 1 (0.581 mi.)***	***W115***	***118***
WEST SIXTH & BROADWA Facility Id: 71003112 Status: Refer: Other Agency	***314 W. SIXTH STREET***	***NE 1/2 - 1 (0.588 mi.)***	***W116***	***123***
BELMONT NEW PRIMARY Facility Id: 19750090 Status: Inactive - Needs Evaluation	***927-937 BLAINE STREE***	***NW 1/2 - 1 (0.669 mi.)***	***117***	***124***
BELMONT PRIMARY CENT Facility Id: 19590009 Status: Certified	***950 SOUTH ALBANY STR***	***NW 1/2 - 1 (0.731 mi.)***	***119***	***128***
GOOD SAMARITAN HOSPI Facility Id: 71003074 Status: Refer: Other Agency	***1225 WILSHIRE***	***NNW 1/2 - 1 (0.828 mi.)***	***121***	***135***
GRATTS NEW PRIMARY C Facility Id: 19880042 Status: Certified	***WEST 6TH STREET/BIXE***	***N 1/2 - 1 (0.847 mi.)***	***122***	***139***
ACE PLATING CO., INC Facility Id: 71002245 Status: Inactive - Needs Evaluation	***719 TOWNE AVENUE***	***ESE 1/2 - 1 (0.854 mi.)***	***123***	***144***
EAST VALLEY AREA NEW	***VINELAND AVENUE/CUMP***	***NNE 1/2 - 1 (0.860 mi.)***	***X125***	***153***

Facility Id: 19000011 Status: Certified				
WILSON NEW ELEMENTAR Facility Id: 19880033 Status: No Further Action	***HUNTINGTON DR/LIFUR***	***NNE 1/2 - 1 (0.860 mi.)***	***X126***	***158***
WEEMES ELEMENTARY SC Facility Id: 19880015 Status: Certified	***1201-1203, 1205, 120***	***NNE 1/2 - 1 (0.860 mi.)***	***X127***	***161***
VINE NEW PRIMARY CEN Facility Id: 19650022 Status: Inactive - Action Required	***LA MIRADA AVE/CAHUEN***	***NNE 1/2 - 1 (0.860 mi.)***	***X128***	***166***
CAHUENGA NEW ELEMENT Facility Id: 19730195 Status: No Further Action	***WESTERN AVENUE/OXFOR***	***NNE 1/2 - 1 (0.860 mi.)***	***X129***	***169***
EAST VALLEY MIDDLE S Facility Id: 19750089 Status: Certified	***LAUREL CANYON BOULEV***	***NNE 1/2 - 1 (0.860 mi.)***	***X130***	***172***
BELMONT NEW PRIMARY Facility Id: 19880022 Status: No Further Action	***LAKE STREET/ROSELAKE***	***NNE 1/2 - 1 (0.860 mi.)***	***X131***	***177***
EAST LOS ANGELES HIG Facility Id: 19820069 Status: Inactive - Needs Evaluation	***BELVEDERE PARK/CESAR***	***NNE 1/2 - 1 (0.860 mi.)***	***X132***	***180***
CENTRAL LOS ANGELES Facility Id: 19390058 Status: Certified	***BROADWAY/GRAND AVE/3***	***NNE 1/2 - 1 (0.860 mi.)***	***X133***	***183***
JEFFERSON NEW ELEMEN Facility Id: 19880016 Status: Certified	***WADWORTH AVENUE/52ND***	***NNE 1/2 - 1 (0.860 mi.)***	***X134***	***190***
MARSHALL NEW PRIMARY Facility Id: 19650016 Status: No Further Action	***LEXINGTON AVE/WESTMO***	***NNE 1/2 - 1 (0.860 mi.)***	***X135***	***194***
FREMONT NEW PRIMARY Facility Id: 19880023 Status: No Further Action	***MENLO AVENUE/BARING***	***NNE 1/2 - 1 (0.860 mi.)***	***X136***	***197***
SANTA MONICA NEW PRI Facility Id: 19880035 Status: No Further Action	***SANTA MONICA BLVD/GO***	***NNE 1/2 - 1 (0.860 mi.)***	***X137***	***200***

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
FC BROADWAY AND HILL Facility Id: 60002032 Status: Active	***1108 S HILL STREET***	***SSE 0 - 1/8 (0.117 mi.)***	***I56***	***39***
FC BROADWAY AND HILL Facility Id: 60002033 Status: Active	***1201 S MAIN STREET***	***S 1/8 - 1/4 (0.239 mi.)***	***R92***	***82***
JEFFRIES BANKNOTE CO Facility Id: 19270326 Status: Refer: Other Agency	1330 WEST PICO BLVD	W 1/2 - 1 (0.693 mi.)	118	126
LAUSD MASTER AGREEME	***1449 SOUTH SAN PEDRO***	***SSE 1/2 - 1 (0.773 mi.)***	***120***	***132***

Facility Id: 19820019
Status: Active

CENTRAL REGION 9TH S	***8TH ST./TOWNE AVE./9***	***ESE 1/2 - 1 (0.857 mi.)***	***124***	***146***
Facility Id: 60001149 Status: Certified				
ROYAL PLATING CO	***787 E 15TH ST***	***SSE 1/2 - 1 (0.929 mi.)***	***138***	***204***
Facility Id: 19340770 Status: Certified O&M - Land Use Restrictions Only				

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 10/21/2015 has revealed that there are 11 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATIO Global Id: T0603789214 Status: Completed - Case Closed	504 OLYMPIC BLVD. W.	N 0 - 1/8 (0.086 mi.)	G37	21
UNOCAL CORPORATION Global Id: T0603700550 Global ID: T0603700550 Status: Completed - Case Closed Facility Id: 900150070 Status: Case Closed	***730 OLYMPIC BLVD***	***NNW 1/8 - 1/4 (0.233 mi.)***	***Q87***	***76***
DOWNTOWN CAR WASH Global Id: T10000003408 Status: Completed - Case Closed	811 OLYMPIC BLVD W	NW 1/4 - 1/2 (0.299 mi.)	99	89
801 TOWER BUILDING Global Id: T0603700592 Global ID: T0603700592 Status: Completed - Case Closed Facility Id: 900170125 Status: Case Closed	***845 FIGUEROA AVE S***	***NNW 1/4 - 1/2 (0.391 mi.)***	***104***	***101***
RITE AID #6383 Global Id: T0603716161 Status: Completed - Case Closed	***600 W 7TH ST***	***NNE 1/4 - 1/2 (0.452 mi.)***	***U108***	***106***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PROPERTY UNDER CONST Global Id: T0603519348 Status: Completed - Case Closed	1050-1070 FLOWER ST.	NW 1/8 - 1/4 (0.176 mi.)	N72	55
ARCO #5033 Global Id: T0603708034 Status: Completed - Case Closed	1151 S FLOWER ST	WNW 1/8 - 1/4 (0.210 mi.)	82	68
CONVENTION CENTER	***1201 FIGUEROA ST S***	***W 1/4 - 1/2 (0.307 mi.)***	***101***	***92***

Global Id: T0603700551 Global ID: T0603700551 Status: Completed - Case Closed Facility Id: 900150089 Status: Case Closed				
PILLACK PROPERTY Global Id: T0603704135 Global ID: T0603704135 Status: Completed - Case Closed Facility Id: I-14091 Status: Case Closed	1410 GRAND AVE	SW 1/4 - 1/2 (0.369 mi.)	T103	98
CAL ST, GEN SERV DEP Global Id: T0603735696 Status: Completed - Case Closed	***1525 S BROADWAY***	***SSW 1/4 - 1/2 (0.452 mi.)***	***107***	***104***
MOBIL #11-H3K Global Id: T0603700552 Global ID: T0603700552 Status: Completed - Case Closed Facility Id: 900150098 Status: Case Closed	1600 HILL ST S	SSW 1/4 - 1/2 (0.479 mi.)	111	111

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 10/21/2015 has revealed that there are 4 SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF LOS ANGELES Facility Status: Remediation	1111 FIGUEROA	WNW 1/4 - 1/2 (0.282 mi.)	S96	87
CITY OF LOS ANGELES Facility Status: Completed - Case Closed Global Id: SL163772345	1111 S FIGUEROA	WNW 1/4 - 1/2 (0.282 mi.)	S97	87
STAPLES ARENA Facility Status: Open - Remediation Global Id: SLT4L8561883	740-750 WEST 10TH PL	WNW 1/4 - 1/2 (0.366 mi.)	102	98
CITY OF LOS ANGELES Facility Status: Completed - Case Closed Global Id: SLT4L1501772 Facility Status: Site Assessment	1450 GRAND	SW 1/4 - 1/2 (0.421 mi.)	T105	103

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 10/21/2015 has revealed that there are 7 UST

sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported Facility Id: 24156	409 W OLYMPIC BLVD	NE 0 - 1/8 (0.076 mi.)	B33	20
TEXACO STATION Facility Id: 24406	504 W OLYMPIC BLVD	N 0 - 1/8 (0.088 mi.)	G41	29
GRAND PHOENIX CORP Facility Id: 24405	***501 W OLYMPIC BLVD***	***N 0 - 1/8 (0.088 mi.)***	***G45***	***34***
FEDERAL RESERVE BANK Facility Id: 24478	950 S GRAND AVE	NNE 1/8 - 1/4 (0.188 mi.)	O76	60

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRANSAMERICA CENTER/ Facility Id: 24766	1133 S OLIVE ST	SSW 0 - 1/8 (0.046 mi.)	C16	12
TRANSAMERICA CORP. Facility Id: 24768	1149 S HILL ST	S 1/8 - 1/4 (0.127 mi.)	I60	42
MFS INTELENET Facility Id: 24767	1149 S BROADWAY	SSE 1/8 - 1/4 (0.171 mi.)	M68	51

State and tribal voluntary cleanup sites

VCP: 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.

A review of the VCP list, as provided by EDR, and dated 08/03/2015 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FC BROADWAY AND HILL Status: Active Facility Id: 60002032	***1108 S HILL STREET***	***SSE 0 - 1/8 (0.117 mi.)***	***I56***	***39***
FC BROADWAY AND HILL Status: Active Facility Id: 60002033	***1201 S MAIN STREET***	***S 1/8 - 1/4 (0.239 mi.)***	***R92***	***82***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are

EXECUTIVE SUMMARY

17 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARRY'S AUTO SERVICE Status: A Tank Status: A Comp Number: 1192	***504 W OLYMPIC BLVD***	***N 0 - 1/8 (0.088 mi.)***	***G42***	***30***
GRAND PHOENIX CORP Status: A Comp Number: 7868	***501 W OLYMPIC BLVD***	***N 0 - 1/8 (0.088 mi.)***	***G45***	***34***
MARK GABAY Comp Number: 6349	***1022 S HILL ST***	***E 0 - 1/8 (0.099 mi.)***	***H52***	***38***
CHEVRON 91030 Comp Number: 3483	***599 W OLYMPIC BLVD***	***NNW 1/8 - 1/4 (0.141 mi.)***	***K62***	***44***
UNION BANK SERVICE C Comp Number: 2850	***1000 S HOPE ST***	***NNW 1/8 - 1/4 (0.141 mi.)***	***K65***	***47***
COMMUNITY REDEVELOPM Comp Number: 6931	***956 S HOPE ST***	***N 1/8 - 1/4 (0.175 mi.)***	***K71***	***54***
FEDERAL RESERVE BANK Status: A Comp Number: 6485	***950 S GRAND AV***	***NNE 1/8 - 1/4 (0.188 mi.)***	***O74***	***57***
COMMUNITY REDEVELOPM Comp Number: 8154	943 S GRAND AVE	NNE 1/8 - 1/4 (0.191 mi.)	O77	60
UNOCAL 76 Comp Number: 1380	***730 W OLYMPIC BLVD***	***NNW 1/8 - 1/4 (0.233 mi.)***	***Q85***	***73***
FELIX CHEVROLET Status: A Comp Number: 7181	***714 W OLYMPIC BLVD***	***NNW 1/8 - 1/4 (0.237 mi.)***	***Q90***	***80***
9TH & HILL PARTNERSH Status: A Comp Number: 4094	***220 W 9TH ST***	***ENE 1/8 - 1/4 (0.248 mi.)***	***95***	***86***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRANSAMERICA OCCIDEN Status: A Comp Number: 6073	***1133 S OLIVE ST***	***SSW 0 - 1/8 (0.046 mi.)***	***C19***	***14***
TRANSAMERICA OCCIDEN Status: A Comp Number: 5211	***1150 S OLIVE ST***	***SSW 0 - 1/8 (0.064 mi.)***	***C27***	***16***
OCCUPANT Status: A Comp Number: 6072	***1149 S HILL ST***	***S 1/8 - 1/4 (0.127 mi.)***	***I61***	***43***
TRANSAMERICA REALTY Comp Number: 7466	***150 W 12TH ST***	***S 1/8 - 1/4 (0.183 mi.)***	***M73***	***56***
LOS ANGELES HERALD E Comp Number: 3778	***1111 S BROADWAY***	***SSE 1/8 - 1/4 (0.234 mi.)***	***R89***	***79***
LOS ANGELES HERALD E Comp Number: 663	***1201 S MAIN ST***	***S 1/8 - 1/4 (0.239 mi.)***	***R91***	***81***

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 10 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEXACO Facility Id: 00000017375	504 W OLYMPIC BLVD	N 0 - 1/8 (0.088 mi.)	G39	25
HARRY HAHN Facility Id: 00000039742	505 W OLYMPIC BLVD	N 0 - 1/8 (0.090 mi.)	G48	35
91030 Facility Id: 00000061971	599 W OLYMPIC BLVD	NNW 1/8 - 1/4 (0.141 mi.)	K63	45
UNION BANK SERVICE C Facility Id: 00000050920	1000 S HOPE ST	NNW 1/8 - 1/4 (0.141 mi.)	K64	46
GOODYEAR SERVICE CEN Facility Id: 00000029515	940 S HILL ST	ENE 1/8 - 1/4 (0.175 mi.)	70	53
SERVICE STATION 3300 Facility Id: 00000019079	730 W OLYMPIC BLVD	NNW 1/8 - 1/4 (0.233 mi.)	Q84	72
UNION OIL SERVICE ST Facility Id: 00000055962	730 W OLYMPIC BLVD	NNW 1/8 - 1/4 (0.233 mi.)	Q86	75

Lower Elevation	Address	Direction / Distance	Map ID	Page
SERVICE STATION 2686 Facility Id: 00000007907	1133 S OLIVE ST	SSW 0 - 1/8 (0.046 mi.)	C18	13
LOS ANGELES HERALD E Facility Id: 00000065237	1111 S BROADWAY	SSE 1/8 - 1/4 (0.234 mi.)	R88	78
LOS ANGELES HERALD E Facility Id: 00000065238 Facility Id: 00000005590	1201 S MAIN ST # 19	S 1/8 - 1/4 (0.239 mi.)	R93	84

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 16 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARRY'S AUTO SERVICE Facility Id: 19042277 Status: A	***504 W OLYMPIC BLVD***	***N 0 - 1/8 (0.088 mi.)***	***G42***	***30***
UNK Facility Id: 19054673 Status: I	501 W OLYMPIC BLVD	N 0 - 1/8 (0.088 mi.)	G44	34
MARK GABAY Facility Id: 19007503 Status: A	***1022 S HILL ST***	***E 0 - 1/8 (0.099 mi.)***	***H52***	***38***
CHEVRON 91030 Facility Id: 19054295	***599 W OLYMPIC BLVD***	***NNW 1/8 - 1/4 (0.141 mi.)***	***K62***	***44***

Status: I

UNION BANK SERVICE C Facility Id: 19013307 Status: I	***1000 S HOPE ST***	***NNW 1/8 - 1/4 (0.141 mi.)***	***K65***	***47***
COMMUNITY REDEVELOPM Facility Id: 19056393 Status: A	***956 S HOPE ST***	***N 1/8 - 1/4 (0.175 mi.)***	***K71***	***54***
FEDERAL RESERVE BANK Facility Id: 19040144 Status: A	***950 S GRAND AV***	***NNE 1/8 - 1/4 (0.188 mi.)***	***O74***	***57***
UNOCAL 76 Facility Id: 19023169 Status: I	***730 W OLYMPIC BLVD***	***NNW 1/8 - 1/4 (0.233 mi.)***	***Q85***	***73***
FELIX CHEVROLET Facility Id: 19005940 Status: A	***714 W OLYMPIC BLVD***	***NNW 1/8 - 1/4 (0.237 mi.)***	***Q90***	***80***
9TH & HILL PARTNERSH Facility Id: 19027233 Status: A	***220 W 9TH ST***	***ENE 1/8 - 1/4 (0.248 mi.)***	***95***	***86***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRANSAMERICA OCCIDEN Facility Id: 19038113 Status: A	***1133 S OLIVE ST***	***SSW 0 - 1/8 (0.046 mi.)***	***C19***	***14***
TRANSAMERICA OCCIDEN Facility Id: 19020393 Status: A	***1150 S OLIVE ST***	***SSW 0 - 1/8 (0.064 mi.)***	***C27***	***16***
OCCUPANT Facility Id: 19027841 Status: A	***1149 S HILL ST***	***S 1/8 - 1/4 (0.127 mi.)***	***I61***	***43***
TRANSAMERICA REALTY Facility Id: 19010041 Status: I	***150 W 12TH ST***	***S 1/8 - 1/4 (0.183 mi.)***	***M73***	***56***
LOS ANGELES HERALD E Facility Id: 19039847 Status: I	***1111 S BROADWAY***	***SSE 1/8 - 1/4 (0.234 mi.)***	***R89***	***79***
LOS ANGELES HERALD E Facility Id: 19054181 Status: I	***1201 S MAIN ST***	***S 1/8 - 1/4 (0.239 mi.)***	***R91***	***81***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/09/2015 has revealed that

there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
US FEDERAL RESERVE B	***409 W OLYMPIC BLVD***	***NE 0 - 1/8 (0.076 mi.)***	***B32***	***18***
EXXONMOBIL OIL CORP	315 W 9TH ST	NE 1/8 - 1/4 (0.208 mi.)	P81	67
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
BONE DEEP - HERRALD	1111 S BROADWAY	SE 1/8 - 1/4 (0.149 mi.)	L67	50
ANACOMP INC	***1149 S BROADWAY ST***	***SSE 1/8 - 1/4 (0.171 mi.)***	***M69***	***52***

DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 08/10/2015 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BILTMORE CLEANERS EPA Id: CAD983674094	***342 W 9TH ST***	***NE 1/8 - 1/4 (0.202 mi.)***	***P79***	***62***

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 4 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL CORPORATION Reg Id: 900150070	***730 OLYMPIC BLVD***	***NNW 1/8 - 1/4 (0.233 mi.)***	***Q87***	***76***
801 TOWER BUILDING Reg Id: 900170125	***845 FIGUEROA AVE S***	***NNW 1/4 - 1/2 (0.391 mi.)***	***104***	***101***
MOBIL OIL, CORPORATI Reg Id: 3159	617 7TH	NNE 1/4 - 1/2 (0.452 mi.)	U106	104
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CONVENTION CENTER Reg Id: 900150089	***1201 FIGUEROA ST S***	***W 1/4 - 1/2 (0.307 mi.)***	***101***	***92***

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 08/24/2015 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLAS PRECIOUS METAL EPA Id: CAL000098454 Cleanup Status: OPERATING PERMIT	640 S HILL ST	NE 1/2 - 1 (0.531 mi.)	V114	116

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
OCCUPANT	***1149 S HILL ST***	***S 1/8 - 1/4 (0.127 mi.)***	***I61***	***43***

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 34 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PRATT W M	1027 S OLIVE ST	ENE 0 - 1/8 (0.009 mi.)	A2	9
COPPLE AUTO SERVICE	1032 S OLIVE ST	ENE 0 - 1/8 (0.035 mi.)	B6	10
REAGAN KAZAR	1055 S GRAND AVE	NNW 0 - 1/8 (0.042 mi.)	D10	11
HANSEN SERVICE	1053 S GRAND AVE	NNW 0 - 1/8 (0.042 mi.)	D12	11
CLEGHORN R W	1025 S OLIVE ST	ENE 0 - 1/8 (0.044 mi.)	B14	12
FERGUSON TOW SERVICE	1017 S OLIVE ST	NE 0 - 1/8 (0.053 mi.)	B22	15
SCHAEFER A E	1023 S GRAND AVE	N 0 - 1/8 (0.061 mi.)	D24	15
SCHULTZ R R	1008 S OLIVE ST	NE 0 - 1/8 (0.063 mi.)	B26	16
PARAMOUNT REPAIR SHO	1006 S OLIVE ST	NE 0 - 1/8 (0.066 mi.)	B29	18
BECHTEL E H	435 W OLYMPIC BLVD	NE 0 - 1/8 (0.077 mi.)	B35	20
Not reported	504 W OLYMPIC BLVD	N 0 - 1/8 (0.088 mi.)	G38	25
PHELEN FRANK	1050 S HILL ST	ESE 0 - 1/8 (0.089 mi.)	H47	35
BUCHER E R	1021 S HILL ST	E 0 - 1/8 (0.099 mi.)	H51	38
WILLYS DISTRIBUTORS	1058 S HOPE ST	NW 0 - 1/8 (0.118 mi.)	J57	42
WARD GRIFFEN	1030 S HOPE ST	NNW 0 - 1/8 (0.123 mi.)	J58	42
TAYLOR T W	962 S OLIVE ST	NE 0 - 1/8 (0.124 mi.)	59	42

Lower Elevation	Address	Direction / Distance	Map ID	Page
CAMP G N	1100 S OLIVE ST	S 0 - 1/8 (0.014 mi.)	A3	9

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
RISDEN C W	1115 S OLIVE ST	SSW 0 - 1/8 (0.026 mi.)	A4	10
WHITLEY J A	1114 S OLIVE ST	S 0 - 1/8 (0.026 mi.)	A5	10
HOFFMAN E H	1122 S OLIVE ST	SSW 0 - 1/8 (0.035 mi.)	C7	10
KELLEY BROS	1127 S OLIVE ST	SSW 0 - 1/8 (0.039 mi.)	C8	10
HOFFMAN E H	1128 S OLIVE ST	SSW 0 - 1/8 (0.042 mi.)	C11	11
MOSES F N	1101 S GRAND AVE	W 0 - 1/8 (0.042 mi.)	D13	12
MORRIS J H	1130 S OLIVE ST	SSW 0 - 1/8 (0.044 mi.)	C15	12
LUARD L S	1133 S OLIVE ST	SSW 0 - 1/8 (0.046 mi.)	C17	13
JOHNSON J W REAR	1132 S OLIVE ST	SSW 0 - 1/8 (0.046 mi.)	C20	14
CLEGHORN ROBT	1137 S OLIVE ST	SSW 0 - 1/8 (0.051 mi.)	C21	15
LUARD L S	1138 S OLIVE ST	SSW 0 - 1/8 (0.053 mi.)	C23	15
SCHERER S A	1148 S OLIVE ST	SSW 0 - 1/8 (0.065 mi.)	C28	17
SPEEDO ELECTRIC CO	1155 S OLIVE ST	SSW 0 - 1/8 (0.072 mi.)	C30	18
WHITLEY JAS	1148 S GRAND AVE	WSW 0 - 1/8 (0.076 mi.)	F34	20
HOWIE A S	1102 S HILL ST	SSE 0 - 1/8 (0.089 mi.)	E46	35
KELLEY BROS	1127 S HILL ST	S 0 - 1/8 (0.113 mi.)	I54	39
FOWLER L D	1129 S HILL ST	S 0 - 1/8 (0.116 mi.)	I55	39

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 6 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW WELL HAND LAUNDR	1056 S GRAND AVE	NNW 0 - 1/8 (0.040 mi.)	D9	11
KEE WONG	1002 S GRAND AVE	N 0 - 1/8 (0.081 mi.)	G36	20
A COMPANY CLEANERS	363 W OLYMPIC BLVD	ENE 0 - 1/8 (0.091 mi.)	49	36

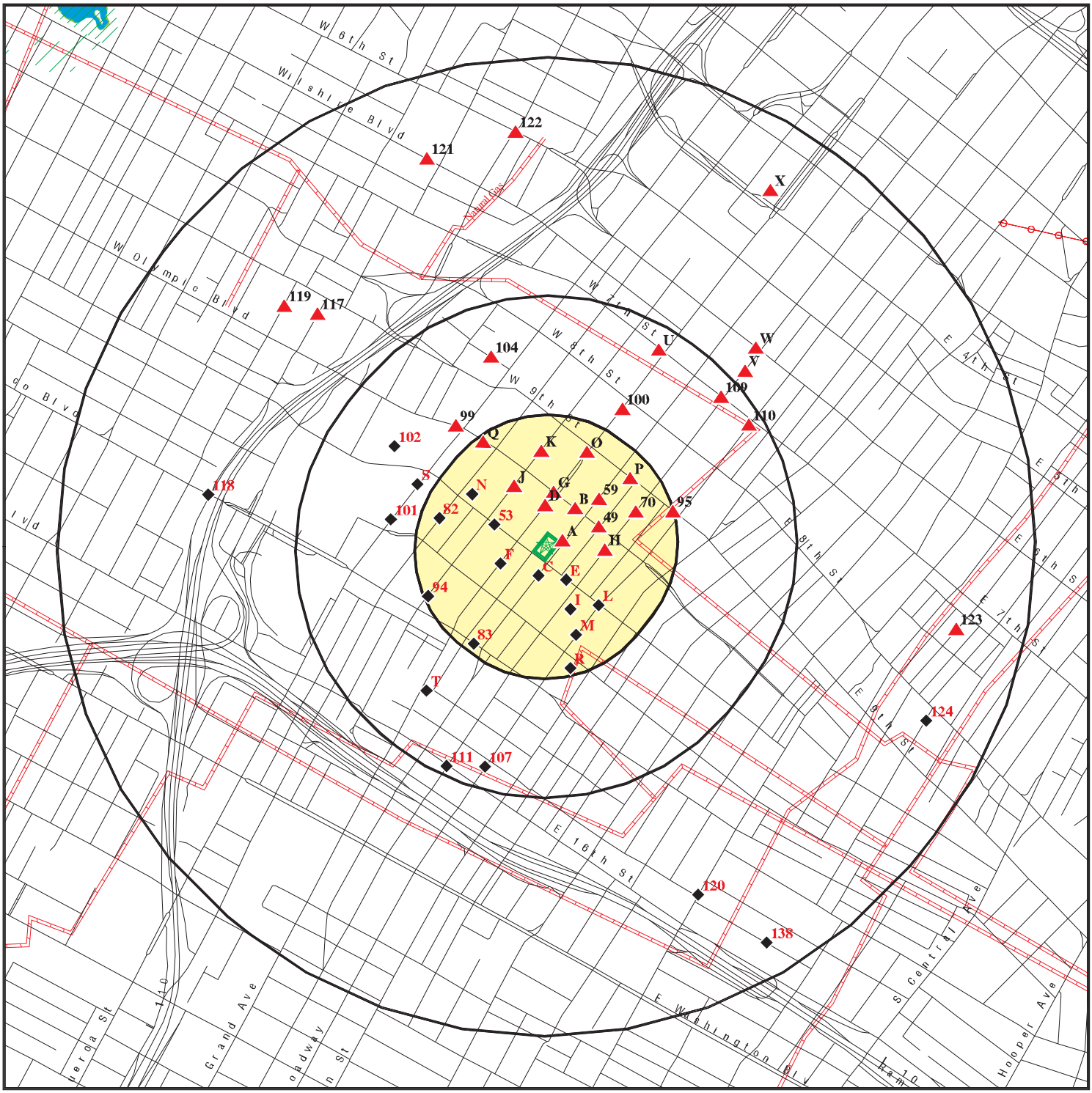
Lower Elevation	Address	Direction / Distance	Map ID	Page
WILSON L C	208 W 11TH ST	SSE 0 - 1/8 (0.062 mi.)	E25	16
LEE TONG	1146 S GRAND AVE	WSW 0 - 1/8 (0.074 mi.)	F31	18
KIM Y H	426 W 11TH ST	WNW 0 - 1/8 (0.100 mi.)	53	39

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
OLIVE ARCO	RGA LUST
JEWELRY DESIGN CENTER	ENVIROSTOR

OVERVIEW MAP - 4477686.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Pipelines

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: Olive Street	CLIENT: Leighton and Associates, Inc.
ADDRESS: 1033-1057 South Olive Street Los Angeles CA 90015	CONTACT: Bina Patel
LAT/LONG: 34.0414 / 118.2609	INQUIRY #: 4477686.2s
	DATE: November 28, 2015 10:24 am

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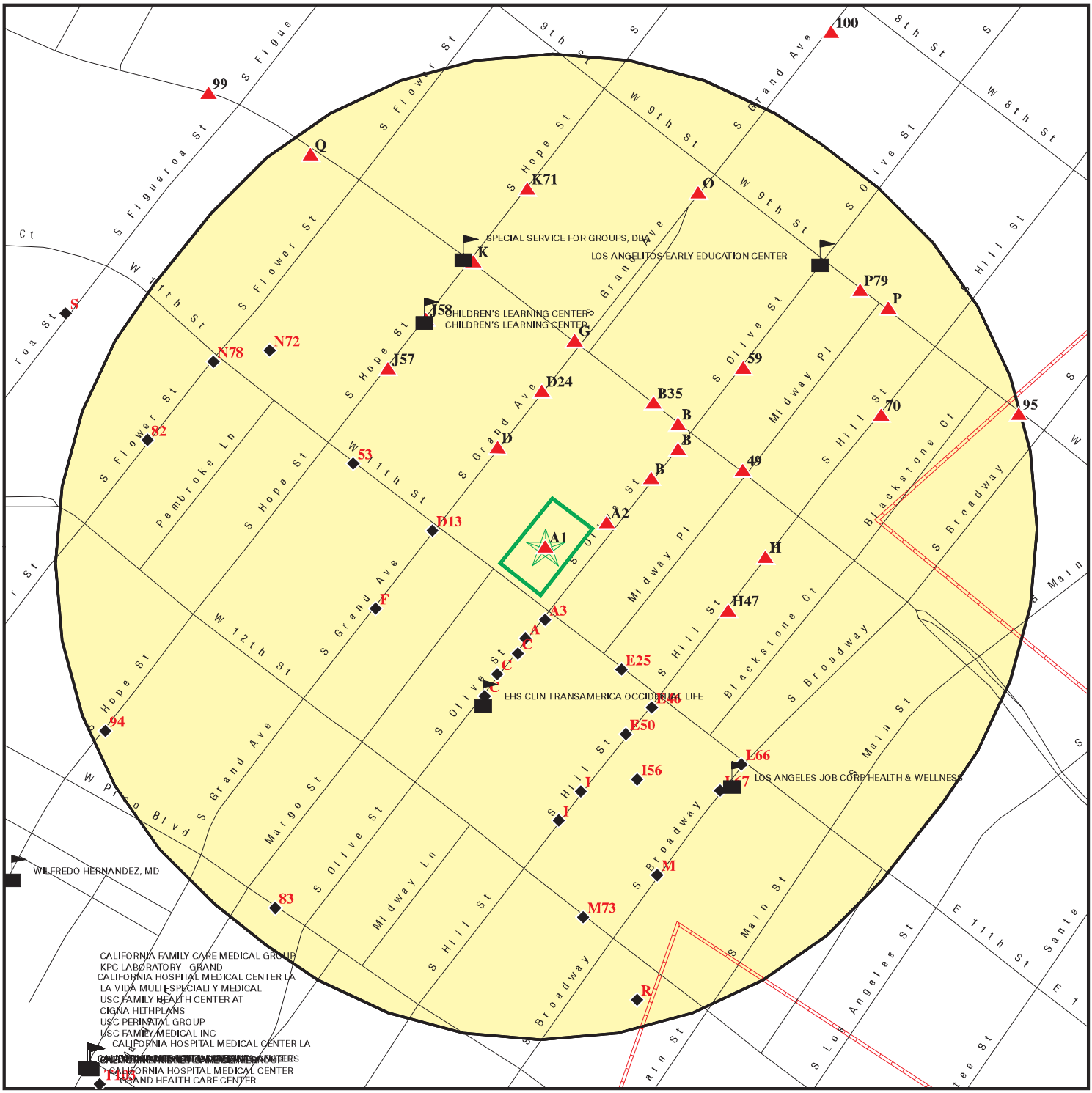
DETAIL MAP - 4477686.2S



- 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
- Pipelines
- 100-year flood zone
- 500-year flood zone
- 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: Olive Street	CLIENT: Leighton and Associates, Inc.
ADDRESS: 1033-1057 South Olive Street Los Angeles CA 90015	CONTACT: Bina Patel
LAT/LONG: 34.0414 / 118.2609	INQUIRY #: 4477686.2s DATE: November 28, 2015 10:25 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	2	NR	NR	2
Federal CERCLIS NFRAP site List								
CERCLIS-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		3	6	NR	NR	NR	9
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		1	1	2	26	NR	30
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		1	3	7	NR	NR	11

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
SLIC	0.500		0	0	4	NR	NR	4
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		4	3	NR	NR	NR	7
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		1	1	0	NR	NR	2
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
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		5	12	NR	NR	NR	17
HIST UST	0.250		3	7	NR	NR	NR	10
CA FID UST	0.250		5	11	NR	NR	NR	16
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

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
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	3	NR	NR	NR	4
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
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
FINDS	0.001		0	NR	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
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
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	1	0	NR	NR	NR	NR	1
HIST CORTESE	0.500		0	1	3	NR	NR	4
LOS ANGELES CO. HMS	0.001		0	NR	NR	NR	NR	0
HWP	1.000		0	0	0	1	NR	1
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

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
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
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	1	NR	NR	NR	1
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		34	NR	NR	NR	NR	34
EDR Hist Cleaner	0.125		6	NR	NR	NR	NR	6
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 --		1	64	51	18	27	0	161

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **C I PRINTING** **HAZNET** **S113055808**
Target **1035 S OLIVE ST** **N/A**
Property **LOS ANGELES, CA 90015**

Site 1 of 5 in cluster A

Actual:
248 ft.

HAZNET:

envid:	S113055808
Year:	2010
GEPAID:	CAL000090993
Contact:	YOUNG SIM SHIN OWNER
Telephone:	2137476747
Mailing Name:	Not reported
Mailing Address:	1035 S OLIVE ST
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Not reported
TSD EPA ID:	ORQ000024781
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Solvents Recovery
Tons:	0.108
Facility County:	Los Angeles

envid:	S113055808
Year:	2004
GEPAID:	CAL000090993
Contact:	YOUNG SIM SHIN OWNER
Telephone:	2137476747
Mailing Name:	Not reported
Mailing Address:	1035 S OLIVE ST
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Not reported
TSD EPA ID:	WAH000016212
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	0.12
Facility County:	Los Angeles

envid:	S113055808
Year:	2003
GEPAID:	CAL000090993
Contact:	YOUNG SIM SHIN OWNER
Telephone:	2137476747
Mailing Name:	Not reported
Mailing Address:	1035 S OLIVE ST
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Not reported
TSD EPA ID:	WAH000016212
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	0.25
Facility County:	Los Angeles

envid:	S113055808
Year:	1998
GEPAID:	CAL000090993
Contact:	DONG HO SHIN

C I PRINTING (Continued) **S113055808**

Telephone:	2137476747
Mailing Name:	Not reported
Mailing Address:	1035 S OLIVE ST
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Not reported
TSD EPA ID:	CAD108040858
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0208
Facility County:	Los Angeles

envid:	S113055808
Year:	1997
GEPAID:	CAL000090993
Contact:	DONG HO SHIN
Telephone:	2137476747
Mailing Name:	Not reported
Mailing Address:	1035 S OLIVE ST
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Not reported
TSD EPA ID:	CAD108040858
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0208
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

A2 **PRATT W M** **EDR Hist Auto** **1009078370**
ENE **1027 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.009 mi.
47 ft. **Site 2 of 5 in cluster A**

Relative: EDR Historical Auto Stations:
Higher

Name:	PRATT W M
Year:	1929
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS

Actual:
249 ft.

A3 **CAMP G N** **EDR Hist Auto** **1009081466**
South **1100 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.014 mi.
75 ft. **Site 3 of 5 in cluster A**

Relative: EDR Historical Auto Stations:
Lower

Name:	CAMP G N
Year:	1937
Type:	GASOLINE AND OIL SERVICE STATIONS

Actual:
247 ft.

A4 **RISDEN C W** **EDR Hist Auto** **1009078121**
SSW **1115 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.026 mi.
136 ft. **Site 4 of 5 in cluster A**

Relative: EDR Historical Auto Stations:
Lower Name: RISDEN C W
Year: 1924
Actual: Type: AUTOMOBILE REPAIRING
246 ft.

A5 **WHITLEY J A** **EDR Hist Auto** **1009082014**
South **1114 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.026 mi.
139 ft. **Site 5 of 5 in cluster A**

Relative: EDR Historical Auto Stations:
Lower Name: WHITLEY J A
Year: 1937
Actual: Type: AUTOMOBILE REPAIRING
246 ft.

B6 **COPPLE AUTO SERVICE** **EDR Hist Auto** **1009082049**
ENE **1032 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.035 mi.
183 ft. **Site 1 of 8 in cluster B**

Relative: EDR Historical Auto Stations:
Higher Name: COPPLE AUTO SERVICE
Year: 1942
Actual: Type: AUTOMOBILE REPAIRING
250 ft.

C7 **HOFFMAN E H** **EDR Hist Auto** **1009078186**
SSW **1122 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.035 mi.
186 ft. **Site 1 of 14 in cluster C**

Relative: EDR Historical Auto Stations:
Lower Name: HOFFMAN E H
Year: 1929
Actual: Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS
246 ft.

C8 **KELLEY BROS** **EDR Hist Auto** **1009081040**
SSW **1127 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.039 mi.
207 ft. **Site 2 of 14 in cluster C**

Relative: EDR Historical Auto Stations:
Lower Name: KELLEY BROS
Year: 1942
Actual: Type: AUTOMOBILE REPAIRING
246 ft.

D9 **NEW WELL HAND LAUNDRY** **EDR Hist Cleaner** **1009188695**
NNW **1056 S GRAND AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.040 mi.
211 ft. **Site 1 of 5 in cluster D**

Relative: EDR Historical Cleaners:
Higher Name: NEW WELL HAND LAUNDRY
Year: 1933
Actual: Type: LAUNDRIES CHINESE
249 ft.

D10 **REAGAN KAZAR** **EDR Hist Auto** **1009083112**
NNW **1055 S GRAND AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.042 mi.
221 ft. **Site 2 of 5 in cluster D**

Relative: EDR Historical Auto Stations:
Higher Name: REAGAN KAZAR
Year: 1942
Actual: Type: GASOLINE AND OIL SERVICE STATIONS
249 ft.

C11 **HOFFMAN E H** **EDR Hist Auto** **1009080933**
SSW **1128 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.042 mi.
222 ft. **Site 3 of 14 in cluster C**

Relative: EDR Historical Auto Stations:
Lower Name: HOFFMAN E H
Year: 1933
Actual: Type: AUTOMOBILE REPAIRING
246 ft.

Name: HOFFMAN JOHANNA MRS
Year: 1937
Type: AUTOMOBILE REPAIRING

Name: HOFFMAN E H
Year: 1942
Type: AUTOMOBILE REPAIRING

D12 **HANSEN SERVICE** **EDR Hist Auto** **1009081305**
NNW **1053 S GRAND AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.042 mi.
223 ft. **Site 3 of 5 in cluster D**

Relative: EDR Historical Auto Stations:
Higher Name: HANSEN SERVICE
Year: 1937
Actual: Type: GASOLINE AND OIL SERVICE STATIONS
249 ft.

D13
West
< 1/8
0.042 mi.
223 ft.

MOSES F N — **EDR Hist Auto** — **1009080466**
1101 S GRAND AVE — **N/A**
LOS ANGELES, CA

Site 4 of 5 in cluster D

Relative:
Lower

Actual:
247 ft.

EDR Historical Auto Stations:

Name:	MOSES F N
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MOSES F N
Year:	1937
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MOSES F N
Year:	1942
Type:	GASOLINE AND OIL SERVICE STATIONS

B14
ENE
< 1/8
0.044 mi.
231 ft.

CLEGHORN R W — **EDR Hist Auto** — **1009081983**
1025 S OLIVE ST — **N/A**
LOS ANGELES, CA

Site 2 of 8 in cluster B

Relative:
Higher

Actual:
251 ft.

EDR Historical Auto Stations:

Name:	CLEGHORN R W
Year:	1942
Type:	AUTOMOBILE REPAIRING

C15
SSW
< 1/8
0.044 mi.
233 ft.

MORRIS J H — **EDR Hist Auto** — **1009082494**
1130 S OLIVE ST — **N/A**
LOS ANGELES, CA

Site 4 of 14 in cluster C

Relative:
Lower

Actual:
246 ft.

EDR Historical Auto Stations:

Name:	MORRIS J H
Year:	1942
Type:	AUTOMOBILE REPAIRING

C16
SSW
< 1/8
0.046 mi.
244 ft.

TRANSAMERICA CENTER/GARAGE — **UST** — **U003880021**
1133 S OLIVE ST — **N/A**
LOS ANGELES, CA 90015

Site 5 of 14 in cluster C

Relative:
Lower

Actual:
246 ft.

UST:

Facility ID:	24766
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.0413454
Longitude:	-118.2606204

C17
SSW
< 1/8
0.046 mi.
244 ft.

LUARD L S
1133 S OLIVE ST
LOS ANGELES, CA

Site 6 of 14 in cluster C

EDR Hist Auto **1009077906**
N/A

Relative:
Lower

Actual:
246 ft.

EDR Historical Auto Stations:

Name:	LUARD L S
Year:	1933
Type:	AUTOMOBILE REPAIRING
Name:	LUARD L S
Year:	1937
Type:	AUTOMOBILE REPAIRING

C18
SSW
< 1/8
0.046 mi.
244 ft.

SERVICE STATION 2686
1133 S OLIVE ST
LOS ANGELES, CA 90015

Site 7 of 14 in cluster C

HIST UST **U001560630**
N/A

Relative:
Lower

Actual:
246 ft.

HIST UST:

Region:	STATE
Facility ID:	00000007907
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	OCCIDENTAL LIFE INS.
Telephone:	0000000000
Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0002
Tank Num:	001
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

C19 **TRANSAMERICA OCCIDENTAL** **SWEEPS UST** **S101586091**
SSW **1133 S OLIVE ST** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.046 mi.
244 ft. **Site 8 of 14 in cluster C**

Relative:
Lower

Actual:
246 ft.

SWEEPS UST:

Status:	Active
Comp Number:	6073
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-05-93
Action Date:	03-05-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19038113
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137422671
Mail To:	Not reported
Mailing Address:	1133 S OLIVE ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

C20 **JOHNSON J W REAR** **EDR Hist Auto** **1009080717**
SSW **1132 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.046 mi.
245 ft. **Site 9 of 14 in cluster C**

Relative:
Lower

Actual:
246 ft.

EDR Historical Auto Stations:

Name:	JOHNSON J W REAR
Year:	1933
Type:	AUTOMOBILE REPAIRING

C21 **CLEGHORN ROBT** **EDR Hist Auto** **1009080789**
SSW **1137 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.051 mi.
268 ft. **Site 10 of 14 in cluster C**

Relative:
Lower

Actual:
246 ft.

EDR Historical Auto Stations:
Name: CLEGHORN ROBT
Year: 1937
Type: AUTOMOBILE REPAIRING

B22 **FERGUSON TOW SERVICE** **EDR Hist Auto** **1009076478**
NE **1017 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.053 mi.
282 ft. **Site 3 of 8 in cluster B**

Relative:
Higher

Actual:
251 ft.

EDR Historical Auto Stations:
Name: FERGUSON TOW SERVICE
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

Name: EDMONDSON J E
Year: 1937
Type: AUTOMOBILE REPAIRING

Name: EDMONDSON J E
Year: 1942
Type: AUTOMOBILE REPAIRING

C23 **LUARD L S** **EDR Hist Auto** **1009082057**
SSW **1138 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.053 mi.
282 ft. **Site 11 of 14 in cluster C**

Relative:
Lower

Actual:
245 ft.

EDR Historical Auto Stations:
Name: LUARD L S
Year: 1942
Type: AUTOMOBILE REPAIRING

D24 **SCHAEFER A E** **EDR Hist Auto** **1009081204**
North **1023 S GRAND AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.061 mi.
322 ft. **Site 5 of 5 in cluster D**

Relative:
Higher

Actual:
251 ft.

EDR Historical Auto Stations:
Name: SCHAEFER A E
Year: 1937
Type: AUTOMOBILE REPAIRING

E25
SSE
< 1/8
0.062 mi.
326 ft.

WILSON L C — **EDR Hist Cleaner** — **1009191687**
208 W 11TH ST — **N/A**
LOS ANGELES, CA

Site 1 of 3 in cluster E

Relative:
Lower

Actual:
246 ft.

EDR Historical Cleaners:

Name:	WILSON L C
Year:	1929
Type:	CLOTHES PRESSERS CLEANERS AND REPAIRERS

B26
NE
< 1/8
0.063 mi.
335 ft.

SCHULTZ R R — **EDR Hist Auto** — **1009080231**
1008 S OLIVE ST — **N/A**
LOS ANGELES, CA

Site 4 of 8 in cluster B

Relative:
Higher

Actual:
252 ft.

EDR Historical Auto Stations:

Name:	BURNHAM CHAS
Year:	1929
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS
Name:	SCHULTZ R R
Year:	1942
Type:	AUTOMOBILE REPAIRING

C27
SSW
< 1/8
0.064 mi.
337 ft.

TRANSAMERICA OCCIDENTAL LIFE — **SWEEPS UST** — **S101585150**
1150 S OLIVE ST — **CA FID UST** — **N/A**
LOS ANGELES, CA 90015 — **EMI**

Site 12 of 14 in cluster C

Relative:
Lower

Actual:
245 ft.

SWEEPS UST:

Status:	Active
Comp Number:	5211
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-05-93
Action Date:	04-05-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19020393
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137422671
Mail To:	Not reported

TRANSAMERICA OCCIDENTAL LIFE (Continued) **S101585150**

Mailing Address: 1150 S OLIVE ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	74186
Air District Name:	SC
SIC Code:	6311
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	74186
Air District Name:	SC
SIC Code:	6311
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

C28 **SCHERER S A** **EDR Hist Auto** **1009078758**
SSW **1148 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.065 mi.
343 ft. **Site 13 of 14 in cluster C**

Relative:
Lower

Actual:
245 ft.

EDR Historical Auto Stations:
Name: SCHERER S A
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

B29 **PARAMOUNT REPAIR SHOP** **EDR Hist Auto** **1009078877**
NE **1006 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.066 mi.
348 ft. **Site 5 of 8 in cluster B**

Relative:
Higher

Actual:
252 ft.

EDR Historical Auto Stations:

Name:	PARAMOUNT REPAIR SHOP
Year:	1924
Type:	AUTOMOBILE REPAIRING
Name:	EDMONDSON J E
Year:	1933
Type:	AUTOMOBILE REPAIRING

C30 **SPEEDO ELECTRIC CO** **EDR Hist Auto** **1009080883**
SSW **1155 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.072 mi.
378 ft. **Site 14 of 14 in cluster C**

Relative:
Lower

Actual:
245 ft.

EDR Historical Auto Stations:

Name:	SPEEDO ELECTRIC CO
Year:	1937
Type:	AUTOMOBILE REPAIRING

F31 **LEE TONG** **EDR Hist Cleaner** **1009193473**
WSW **1146 S GRAND AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.074 mi.
393 ft. **Site 1 of 2 in cluster F**

Relative:
Lower

Actual:
245 ft.

EDR Historical Cleaners:

Name:	LEE TONG
Year:	1942
Type:	LAUNDRIES ORIENTAL

B32 **US FEDERAL RESERVE BANK** **RCRA NonGen / NLR** **1000214016**
NE **409 W OLYMPIC BLVD** **FINDS** **CA7007890158**
< 1/8 **LOS ANGELES, CA 90015**
0.076 mi.
402 ft. **Site 6 of 8 in cluster B**

Relative:
Higher

Actual:
252 ft.

RCRA NonGen / NLR:

Date form received by agency:	05/11/1994
Facility name:	US FEDERAL RESERVE BANK
Facility address:	409 W OLYMPIC BLVD LOS ANGELES, CA 90015
EPA ID:	CA7007890158
Mailing address:	PO BOX 2077 TERMINAL ANNEX LOS ANGELES, CA 90051
Contact:	ENVIRONMENTAL MANAGER
Contact address:	409 W OLYMPIC BLVD LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	(213) 683-8431
Contact email:	Not reported

US FEDERAL RESERVE BANK (Continued) **1000214016**

EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: FEDERAL RESERVE BANK
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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
Legal status: Federal
Owner/Operator Type: Operator
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: 110002625632

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

B33
NE
< 1/8
0.076 mi.
402 ft.

409 W OLYMPIC BLVD
LOS ANGELES, CA 90015

Site 7 of 8 in cluster B

Relative:
Higher

Actual:
252 ft.

UST **U003976701**
N/A

UST:
Facility ID: 24156
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.0440774
Longitude: -118.2585937

F34
WSW
< 1/8
0.076 mi.
403 ft.

WHITLEY JAS
1148 S GRAND AVE
LOS ANGELES, CA

Site 2 of 2 in cluster F

Relative:
Lower

Actual:
245 ft.

EDR Hist Auto **1009081492**
N/A

EDR Historical Auto Stations:
Name: WHITLEY JAS
Year: 1933
Type: AUTOMOBILE REPAIRING

B35
NE
< 1/8
0.077 mi.
408 ft.

BECHTEL E H
435 W OLYMPIC BLVD
LOS ANGELES, CA

Site 8 of 8 in cluster B

Relative:
Higher

Actual:
252 ft.

EDR Hist Auto **1009083930**
N/A

EDR Historical Auto Stations:
Name: BECHTEL E H
Year: 1937
Type: GASOLINE AND OIL SERVICE STATIONS

Name: TURNER G A
Year: 1942
Type: GASOLINE AND OIL SERVICE STATIONS

G36
North
< 1/8
0.081 mi.
426 ft.

KEE WONG
1002 S GRAND AVE
LOS ANGELES, CA

Site 1 of 11 in cluster G

Relative:
Higher

Actual:
252 ft.

EDR Hist Cleaner **1009191108**
N/A

EDR Historical Cleaners:
Name: KEE WONG
Year: 1937
Type: CLOTHES PRESSERS AND CLEANERS

Name: KAY WONG
Year: 1942
Type: LAUNDRIES ORIENTAL

G37
North
< 1/8
0.086 mi.
453 ft.

SHELL SERVICE STATION
504 OLYMPIC BLVD. W.
LOS ANGELES, CA 90015

Site 2 of 11 in cluster G

LUST **S108087193**
N/A

Relative:
Higher

Actual:
252 ft.

LUST:

Region:	STATE
Global Id:	T0603789214
Latitude:	34.0429341987085
Longitude:	-118.261127471924
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/15/2013
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	MT
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900150125
LOC Case Number:	30517
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603789214
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603789214
Contact Type:	Regional Board Caseworker
Contact Name:	MARYAM TAIDY
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	LOS ANGELES
Email:	mtaidy@waterboards.ca.gov
Phone Number:	2135766741

Status History:

Global Id:	T0603789214
Status:	Completed - Case Closed
Status Date:	07/15/2013

Global Id:	T0603789214
Status:	Open - Case Begin Date
Status Date:	02/07/2005

Global Id:	T0603789214
Status:	Open - Eligible for Closure
Status Date:	01/09/2013

Global Id:	T0603789214

SHELL SERVICE STATION (Continued) **S108087193**

Status: Open - Site Assessment
Status Date: 02/07/2005

Global Id: T0603789214
Status: Open - Site Assessment
Status Date: 01/10/2008

Regulatory Activities:
Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603789214
Action Type: RESPONSE
Date: 11/15/2013
Action: Well Destruction Report

Global Id: T0603789214
Action Type: RESPONSE
Date: 12/28/2012
Action: Request for Closure - Regulator Responded

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/22/2009
Action: Soil and Water Investigation Workplan

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 05/07/2013
Action: Notification - Preclosure

Global Id: T0603789214
Action Type: ENFORCEMENT
Date: 07/15/2013
Action: Closure/No Further Action Letter

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Quarterly

SHELL SERVICE STATION (Continued) **S108087193**

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/06/2007
Action: Tank Removal Report / UST Sampling Report

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 08/31/2006
Action: Other Report / Document

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: Other
Date: 02/07/2005
Action: Leak Discovery

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 06/30/2011
Action: Site Assessment Report

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: Other
Date: 02/28/2005
Action: Leak Reported

Global Id: T0603789214
Action Type: ENFORCEMENT

SHELL SERVICE STATION (Continued) **S108087193**

Date: 07/28/2006
Action: Staff Letter

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/10/2008
Action: Soil and Water Investigation Workplan

Global Id: T0603789214
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/07/2011
Action: Soil and Water Investigation Workplan

Global Id: T0603789214
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603789214
Action Type: RESPONSE
Date: 01/07/2011
Action: Soil and Water Investigation Report

G38
North
< 1/8
0.088 mi.
466 ft.

Relative:
Higher

Actual:
252 ft.

504 W OLYMPIC BLVD
LOS ANGELES, CA 90015

Site 3 of 11 in cluster G

EDR Hist Auto **1008996120**
N/A

EDR Historical Auto Stations:

Name:	HAHN'S TEXACO
Year:	1994
Type:	Not reported
Name:	HAHNS TEXACO
Year:	1999
Address:	504 W OLYMPIC BLVD
Name:	OLYMPIC & GRAND TEXACO
Year:	2001
Address:	504 W OLYMPIC BLVD
Name:	OLYMPIC & GRAND TEXACO
Year:	2002
Address:	504 W OLYMPIC BLVD
Name:	HAHNS TEXACO
Year:	2003
Address:	504 W OLYMPIC BLVD
Name:	HAHNS TEXACO
Year:	2004
Address:	504 W OLYMPIC BLVD
Name:	HAHNS TEXACO
Year:	2008
Address:	504 W OLYMPIC BLVD

G39
North
< 1/8
0.088 mi.
466 ft.

Relative:
Higher

Actual:
252 ft.

TEXACO
504 W OLYMPIC BLVD
LOS ANGELES, CA 90015

Site 4 of 11 in cluster G

HIST UST **U001560633**
N/A

HIST UST:

Region:	STATE
Facility ID:	00000017375
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	HARRY HAHN
Telephone:	2137485687
Owner Name:	TEXACO U.S.A.
Owner Address:	PO BX 3756 3350 WILSHIRE BLVD
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0005
Tank Num:	001
Container Num:	1
Year Installed:	1984
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported

TEXACO (Continued) **U001560633**

Leak Detection:	Sensor Instrument
Tank Num:	002
Container Num:	2
Year Installed:	1984
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument
Tank Num:	003
Container Num:	3
Year Installed:	1984
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument
Tank Num:	004
Container Num:	4
Year Installed:	1984
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument
Tank Num:	005
Container Num:	5
Year Installed:	1984
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument

---

G40 **SHELL SERVICE STATION** **RCRA-SQG 1005441239**
North **504 W OLYMPIC BLVD** **FINDS CAR000117028**
< 1/8 **LOS ANGELES, CA 90015** **HAZNET**
0.088 mi.
466 ft. **Site 5 of 11 in cluster G**

Relative:
Higher

Actual:
252 ft.

RCRA-SQG:

Date form received by agency:	05/21/2002
Facility name:	SHELL SERVICE STATION
Facility address:	504 W OLYMPIC S A P 121340 LOS ANGELES, CA 900151410
EPA ID:	CAR000117028
Mailing address:	P O BOX 2648 HOUSTON, TX 772522648
Contact:	SONDRA BIENVENU
Contact address:	P O BOX 2648 HOUSTON, TX 772522648
Contact country:	US
Contact telephone:	(713) 241-5036

SHELL SERVICE STATION (Continued) **1005441239**

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: EQUILON ENT LLC DBA S O P US
Owner/operator address: P O BOX 2648
HOUSTON, TX 77252
Owner/operator country: Not reported
Owner/operator telephone: (713) 241-5036
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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110012543168

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

SHELL SERVICE STATION (Continued) **1005441239**

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.

HAZNET:

envid:	1005441239
Year:	2013
GEPAID:	CAR000117028
Contact:	Adam Estes
Telephone:	3172917007
Mailing Name:	Not reported
Mailing Address:	PO BOX 3127
Mailing City,St,Zip:	HOUSTON, TX 772530000
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.18765
Facility County:	Not reported

envid:	1005441239
Year:	2009
GEPAID:	CAR000117028
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.209
Facility County:	Los Angeles

envid:	1005441239
Year:	2009
GEPAID:	CAR000117028
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2
Facility County:	Los Angeles

SHELL SERVICE STATION (Continued) **1005441239**

envid: 1005441239
Year: 2008
GEPAID: CAR000117028
Contact: R HULL/ENV. REPORTING ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip: Houston, TX 770670000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0255
Facility County: Los Angeles

envid: 1005441239
Year: 2005
GEPAID: CAR000117028
Contact: N CORTEZ/ENVT'L DATA ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR MFT 240-G
Mailing City,St,Zip: Houston, TX 770672508
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Disposal, Land Fill
Tons: 0.2
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

G41 **TEXACO STATION** **UST** **U003780840**
North **504 W OLYMPIC BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.088 mi.
466 ft. **Site 6 of 11 in cluster G**

Relative:
Higher

Actual:
252 ft.

UST:
Facility ID: 24406
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.0443943
Longitude: -118.2597813

G42
North
< 1/8
0.088 mi.
466 ft.

HARRY'S AUTO SERVICE INC.
504 W OLYMPIC BLVD
LOS ANGELES, CA 90015

Site 7 of 11 in cluster G

SWEEPS UST **S101586244**
CA FID UST **N/A**

Relative:
Higher

Actual:
252 ft.

SWEEPS UST:

Status:	Active
Comp Number:	1192
Number:	1
Board Of Equalization:	44-011651
Referral Date:	03-05-93
Action Date:	03-05-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001192-000001
Tank Status:	A
Capacity:	550
Active Date:	04-20-88
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	6

Status:	Active
Comp Number:	1192
Number:	1
Board Of Equalization:	44-011651
Referral Date:	03-05-93
Action Date:	03-05-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001192-000002
Tank Status:	A
Capacity:	10000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	1192
Number:	1
Board Of Equalization:	44-011651
Referral Date:	03-05-93
Action Date:	03-05-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001192-000003
Tank Status:	A
Capacity:	10000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active

HARRY'S AUTO SERVICE INC. (Continued) **S101586244**

Comp Number: 1192
Number: 1
Board Of Equalization: 44-011651
Referral Date: 03-05-93
Action Date: 03-05-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001192-000004
Tank Status: A
Capacity: 10000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 1192
Number: 1
Board Of Equalization: 44-011651
Referral Date: 03-05-93
Action Date: 03-05-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001192-000005
Tank Status: A
Capacity: 10000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 1192
Number: 1
Board Of Equalization: 44-011651
Referral Date: 03-05-93
Action Date: 03-05-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001192-000006
Tank Status: A
Capacity: Not reported
Active Date: 04-20-88
Tank Use: CHEMICAL
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19042277
Regulated By: UTNKA
Regulated ID: 00017375
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137485687

HARRY'S AUTO SERVICE INC. (Continued) **S101586244**

Mail To: Not reported
Mailing Address: P O BOX 3756 3350 WI BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

G43 **SHELL SERVICE STATION** **RCRA-SQG 1005904452**
North **504 W OLYMPIC BLVD** **HAZNET CAR000122838**
< 1/8 **LOS ANGELES, CA 90015**
0.088 mi.
466 ft. **Site 8 of 11 in cluster G**

Relative:
Higher

Actual:
252 ft.

RCRA-SQG:
Date form received by agency: 05/08/2002
Facility name: SHELL SERVICE STATION
Facility address: 504 W OLYMPIC BLVD
SAP 121340
LOS ANGELES, CA 900151410
EPA ID: CAR000122838
Mailing address: PO BOX 2648
HOUSTON, TX 772522648
Contact: SONDRA BIENVENU
Contact address: PO BOX 2648
HOUSTON, TX 772522648
Contact country: US
Contact telephone: 713-241-5036
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: EQUILON ENTERPRISES LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/08/2002
Owner/Op end date: Not reported

Owner/operator name: EQUILON ENTERPRISES LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported

SHELL SERVICE STATION (Continued) **1005904452**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/08/2002
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

HAZNET:
envid: 1005904452
Year: 2004
GEPAID: CAR000122838
Contact: Sondra Bienvenu
Telephone: 7132415036
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DRIVE MFT 240-G
Mailing City,St,Zip: Houston, TX 770672508
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0.01
Facility County: Los Angeles

envid: 1005904452
Year: 2003
GEPAID: CAR000122838
Contact: Sondra Bienvenu
Telephone: 7132415036
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DRIVE MFT 240-G
Mailing City,St,Zip: Houston, TX 770672508
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0.02
Facility County: Los Angeles

G44 **UNK** **CA FID UST** **S101586979**
North **501 W OLYMPIC BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.088 mi.
466 ft. **Site 9 of 11 in cluster G**

Relative:
Higher

Actual:
252 ft.

CA FID UST:

Facility ID:	19054673
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	11111 SANTA MONICA BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

G45 **GRAND PHOENIX CORP** **UST** **U003780839**
North **501 W OLYMPIC BLVD** **SWEEPS UST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.088 mi.
466 ft. **Site 10 of 11 in cluster G**

Relative:
Higher

Actual:
252 ft.

UST:

Facility ID:	24405
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.0447548
Longitude:	-118.2595803

SWEEPS UST:

Status:	Active
Comp Number:	7868
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-20-88
Action Date:	04-25-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

E46
SSE
< 1/8
0.089 mi.
470 ft.

HOWIE A S — **EDR Hist Auto** — **1009080178**
1102 S HILL ST — **N/A**
LOS ANGELES, CA

Site 2 of 3 in cluster E

Relative: Lower

Actual: 246 ft.

EDR Historical Auto Stations:

Name:	HOWIE A S
Year:	1929
Type:	GASOLINE AND OIL SERVICE STATION
Name:	HOWIE A S
Year:	1937
Type:	GASOLINE AND OIL SERVICE STATIONS

H47
ESE
< 1/8
0.089 mi.
470 ft.

PHELEN FRANK — **EDR Hist Auto** — **1009078040**
1050 S HILL ST — **N/A**
LOS ANGELES, CA

Site 1 of 3 in cluster H

Relative: Higher

Actual: 248 ft.

EDR Historical Auto Stations:

Name:	PHELEN FRANK
Year:	1924
Type:	AUTOMOBILE REPAIRING

G48
North
< 1/8
0.090 mi.
474 ft.

HARRY HAHN — **HIST UST** — **U001560615**
505 W OLYMPIC BLVD — **N/A**
LOS ANGELES, CA 90015

Site 11 of 11 in cluster G

Relative: Higher

Actual: 252 ft.

HIST UST:

Region:	STATE
Facility ID:	00000039742
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	SAME
Telephone:	2136225946
Owner Name:	MOBIL OIL CORP
Owner Address:	612 S. FLOWER ST
Owner City,St,Zip:	LOS ANGELES, CA 90017
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT

HARRY HAHN (Continued) **U001560615**

Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1971
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	2
Year Installed:	1971
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

49
ENE
< 1/8
0.091 mi.
479 ft.

A COMPANY CLEANERS **EDR Hist Cleaner** **1009126490**
363 W OLYMPIC BLVD **N/A**
LOS ANGELES, CA 90000

Relative:
Higher

Actual:
252 ft.

EDR Historical Cleaners:

Name:	A COMPANY CLEANERS
Year:	1994
Type:	Not reported

E50
SSE
< 1/8
0.092 mi.
484 ft.

ASSOCIATED PRESS **RCRA-SQG** **1000327991**
1111 S HILL ST **FINDS** **CAD982522054**
LOS ANGELES, CA 90015

Site 3 of 3 in cluster E

Relative:
Lower

Actual:
245 ft.

RCRA-SQG:

Date form received by agency:	11/27/1989
Facility name:	ASSOCIATED PRESS
Facility address:	1111 S HILL ST LOS ANGELES, CA 90015
EPA ID:	CAD982522054
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1111 S HILL ST LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	(213) 746-1200
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

ASSOCIATED PRESS (Continued) **1000327991**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ASSOCIATED PRESS
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

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
Legal status:	Private
Owner/Operator Type:	Operator
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: 110002841051

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

H51 **BUCHER E R** **EDR Hist Auto** **1009077219**
East **1021 S HILL ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.099 mi.
521 ft. **Site 2 of 3 in cluster H**

Relative:
Higher

Actual:
250 ft.

EDR Historical Auto Stations:

Name:	BUCHER E R
Year:	1924
Type:	AUTOMOBILE REPAIRING

H52 **MARK GABAY** **SWEEPS UST** **S101583946**
East **1022 S HILL ST** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.099 mi.
524 ft. **Site 3 of 3 in cluster H**

Relative:
Higher

Actual:
250 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	6349
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19007503
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2136594409
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

53
WNW
< 1/8
0.100 mi.
527 ft.

KIM Y H
426 W 11TH ST
LOS ANGELES, CA

EDR Hist Cleaner

1009185616
N/A

Relative:
Lower

Actual:
246 ft.

EDR Historical Cleaners:
Name: KIM Y H
Year: 1924
Type: CLOTHES CLEANERS PRESSERS AND DYERS

I54
South
< 1/8
0.113 mi.
595 ft.

KELLEY BROS
1127 S HILL ST
LOS ANGELES, CA

Site 1 of 5 in cluster I

EDR Hist Auto

1009082564
N/A

Relative:
Lower

Actual:
244 ft.

EDR Historical Auto Stations:
Name: KELLEY BROS
Year: 1937
Type: AUTOMOBILE REPAIRING

I55
South
< 1/8
0.116 mi.
613 ft.

FOWLER L D
1129 S HILL ST
LOS ANGELES, CA

Site 2 of 5 in cluster I

EDR Hist Auto

1009081697
N/A

Relative:
Lower

Actual:
244 ft.

EDR Historical Auto Stations:
Name: FOWLER L D
Year: 1937
Type: GASOLINE AND OIL SERVICE STATIONS

I56
SSE
< 1/8
0.117 mi.
618 ft.

FC BROADWAY AND HILL 1108 SOUTH HILL
1108 S HILL STREET
LOS ANGELES, CA 90015

Site 3 of 5 in cluster I

ENVIROSTOR
VCP

S117038678
N/A

Relative:
Lower

Actual:
245 ft.

ENVIROSTOR:
Facility ID: 60002032
Status: Active
Status Date: 07/14/2014
Site Code: 301670-11
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.06
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Haissam Salloum
Supervisor: Sayareh Amirebrahimi
Division Branch: Cleanup Chatsworth
Assembly: 53
Senate: 30
Special Program: Voluntary Cleanup Program
Restricted Use: NO

FC BROADWAY AND HILL 1108 SOUTH HILL (Continued) **S117038678**

Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.03961
Longitude: -118.2600
APN: NONE SPECIFIED
Past Use: UNDERGROUND STORAGE TANKS
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Ethylbenzene Naphthalene Xylenes
Confirmed COC: Tetrachloroethylene (PCE Naphthalene Ethylbenzene Xylenes Trichloroethylene (TCE
Potential Description: SOIL, SV
Alias Name: 301670-11
Alias Type: Project Code (Site Code)
Alias Name: 60002032
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 12/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 02/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 07/09/2014
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 60002032
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.06

FC BROADWAY AND HILL 1108 SOUTH HILL (Continued) **S117038678**

National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Haissam Salloum
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Site Code:	301670-11
Assembly:	53
Senate:	30
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	07/14/2014
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.03961 / -118.2600
APN:	NONE SPECIFIED
Past Use:	UNDERGROUND STORAGE TANKS
Potential COC:	30022, 30027, 30272, 30484, 30593
Confirmed COC:	30022,30484,30272,30593,30027
Potential Description:	SOIL, SV
Alias Name:	301670-11
Alias Type:	Project Code (Site Code)
Alias Name:	60002032
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/09/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/30/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	02/10/2015
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	07/09/2014
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported

FC BROADWAY AND HILL 1108 SOUTH HILL (Continued) **S117038678**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

J57 **WILLYS DISTRIBUTORS SERVICE** **EDR Hist Auto** **1009082021**
NW **1058 S HOPE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.118 mi.
623 ft. **Site 1 of 2 in cluster J**

Relative:
Higher

Actual:
248 ft.

EDR Historical Auto Stations:
Name: WILLYS DISTRIBUTORS SERVICE
Year: 1937
Type: AUTOMOBILE REPAIRING

J58 **WARD GRIFFEN** **EDR Hist Auto** **1009079274**
NNW **1030 S HOPE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.123 mi.
652 ft. **Site 2 of 2 in cluster J**

Relative:
Higher

Actual:
249 ft.

EDR Historical Auto Stations:
Name: WARD GRIFFEN
Year: 1929
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

---

59 **TAYLOR T W** **EDR Hist Auto** **1009077302**
NE **962 S OLIVE ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.124 mi.
655 ft.

Relative:
Higher

Actual:
254 ft.

EDR Historical Auto Stations:
Name: TAYLOR T W
Year: 1929
Type: GASOLINE AND OIL SERVICE STATION

I60 **TRANSAMERICA CORP.** **UST** **U003880022**
South **1149 S HILL ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.127 mi.
671 ft. **Site 4 of 5 in cluster I**

Relative:
Lower

Actual:
243 ft.

UST:
Facility ID: 24768
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.0406283
Longitude: -118.2597308

I61
South
1/8-1/4
0.127 mi.
671 ft.

OCCUPANT
1149 S HILL ST
LOS ANGELES, CA 90015

Site 5 of 5 in cluster I

SWEEPS UST
CA FID UST
WIP

S101585711
N/A

Relative:
Lower

Actual:
243 ft.

SWEEPS UST:

Status:	Active
Comp Number:	6072
Number:	9
Board Of Equalization:	Not reported
Referral Date:	03-10-93
Action Date:	03-10-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19027841
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137422671
Mail To:	Not reported
Mailing Address:	1149 S HILL ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

WIP:

Region:	4
File Number:	108.0100
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

K62 **CHEVRON 91030** **SWEEPS UST** **S101586640**
NNW **599 W OLYMPIC BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.141 mi.
742 ft. **Site 1 of 5 in cluster K**

Relative:
Higher

Actual:
251 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	3483
Number:	Not reported
Board Of Equalization:	44-013029
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003483-000001
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	4

Status:	Not reported
Comp Number:	3483
Number:	Not reported
Board Of Equalization:	44-013029
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003483-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	3483
Number:	Not reported
Board Of Equalization:	44-013029
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003483-000003
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Not reported

CHEVRON 91030 (Continued) **S101586640**

Comp Number:	3483
Number:	Not reported
Board Of Equalization:	44-013029
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003483-000004
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19054295
Regulated By:	UTNKI
Regulated ID:	00061971
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2136140918
Mail To:	Not reported
Mailing Address:	575 MARKET ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

K63 **91030** **HIST UST** **U001560589**
NNW **599 W OLYMPIC BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.141 mi.
742 ft. **Site 2 of 5 in cluster K**

Relative:
Higher

Actual:
251 ft.

HIST UST:

Region:	STATE
Facility ID:	00000061971
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	COOK, MICHAEL W
Telephone:	2136140918
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1971
Tank Capacity:	00005000

91030 (Continued) **U001560589**

Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1971
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1971
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1971
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000130
Leak Detection:	Stock Inventor

K64 **UNION BANK SERVICE CENTER** **HIST UST** **U001560634**
NNW **1000 S HOPE ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.141 mi.
743 ft. **Site 3 of 5 in cluster K**

Relative:
Higher

Actual:
251 ft.

HIST UST:

Region:	STATE
Facility ID:	00000050920
Facility Type:	Other
Other Type:	COMPUTER CENTER
Contact Name:	OLYMPIC BOULEVARD
Telephone:	2132366075
Owner Name:	UNION BANK
Owner Address:	445 SO. FIGUEROA STREET
Owner City,St,Zip:	LOS ANGELES, CA 90071
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1976
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	3/16
Leak Detection:	Not reported

UNION BANK SERVICE CENTER (Continued) **U001560634**

Tank Num:	002
Container Num:	2
Year Installed:	1976
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/16
Leak Detection:	Not reported

Tank Num:	003
Container Num:	3
Year Installed:	1976
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	3/16
Leak Detection:	Not reported

Tank Num:	004
Container Num:	4
Year Installed:	1976
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/16
Leak Detection:	Not reported

K65 **UNION BANK SERVICE CENTER** **SWEEPS UST S101617177**
NNW **1000 S HOPE ST** **CA FID UST N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.141 mi.
743 ft. **Site 4 of 5 in cluster K**

Relative:
Higher

Actual:
251 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	2850
Number:	Not reported
Board Of Equalization:	44-012585
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002850-000001
Tank Status:	Not reported
Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	4

Status:	Not reported
Comp Number:	2850
Number:	Not reported
Board Of Equalization:	44-012585
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported

UNION BANK SERVICE CENTER (Continued) **S101617177**

Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002850-000002
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2850
Number: Not reported
Board Of Equalization: 44-012585
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002850-000003
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2850
Number: Not reported
Board Of Equalization: 44-012585
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002850-000004
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19013307
Regulated By: UTNKI
Regulated ID: 00050920
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132366075
Mail To: Not reported
Mailing Address: 445 S FIGUEROA ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported

UNION BANK SERVICE CENTER (Continued) **S101617177**

DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

L66 **A AND B AUTO BODY WORKS** **RCRA-SQG 1000686077**
SE **1101 S BROADWAY** **FINDS CAD983633009**
1/8-1/4 **LOS ANGELES, CA 90061**
0.148 mi.
780 ft. **Site 1 of 2 in cluster L**

Relative:
Lower

Actual:
244 ft.

RCRA-SQG:
Date form received by agency: 04/22/1992
Facility name: A AND B AUTO BODY WORKS
Facility address: 1101 S BROADWAY
LOS ANGELES, CA 90061
EPA ID: CAD983633009
Mailing address: S BROADWAY
LOS ANGELES, CA 90061
Contact: JAMES PRICE
Contact address: 1101 S BROADWAY
LOS ANGELES, CA 90061
Contact country: US
Contact telephone: (213) 754-2853
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: A AND B AUTO BODY WORKS
Owner/operator address: 1101 S BROADWAY
LOS ANGELES, CA 90061
Owner/operator country: Not reported
Owner/operator telephone: (213) 754-2853
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

A AND B AUTO BODY WORKS (Continued) **1000686077**

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: 110002874033

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

L67 **BONE DEEP - HERRALD EXAMINER** **RCRA NonGen / NLR** **1011861571**
SE **1111 S BROADWAY** **CAP000194159**
1/8-1/4 **LOS ANGELES, CA 90015**
0.149 mi.
788 ft. **Site 2 of 2 in cluster L**

Relative:
Lower

Actual:
244 ft.

RCRA NonGen / NLR:
Date form received by agency: 09/22/2008
Facility name: BONE DEEP - HERRALD EXAMINER
Facility address: 1111 S BROADWAY
LOS ANGELES, CA 90015
EPA ID: CAP000194159
Mailing address: 10202 W WASHINGTON BLVD
COHN 274
CULVER CITY, CA 90232
Contact: CAROL L REYNOLDS
Contact address: 10202 W WASHINGTON BLVD COHN 274
CULVER CITY, CA 90232
Contact country: US
Contact telephone: 310-244-8866
Contact email: CAROL_REYNOLDS@SPE.SONY.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: STAGE 6 FILMS INC SCREEN GEMS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/21/2008
Owner/Op end date: Not reported

Owner/operator name: THE HEARST CORP
Owner/operator address: NO 5 THIRD ST STE 200

BONE DEEP - HERRALD EXAMINER (Continued) **1011861571**

SAN FRANCISCO, CA 94103
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1913
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 07/28/2008
Site name: BONE DEEP - HERRALD EXAMINER
Classification: Small Quantity Generator

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

M68 **MFS INTELENET** **UST** **U003780587**
SSE **1149 S BROADWAY** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.171 mi.
901 ft. **Site 1 of 3 in cluster M**

Relative:
Lower

Actual:
243 ft.

UST:
Facility ID: 24767
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.039896
Longitude: -118.2588238

M69 **ANACOMP INC** **RCRA NonGen / NLR** **1000857889**
SSE **1149 S BROADWAY ST** **FINDS** **CAD983673419**
1/8-1/4 **LOS ANGELES, CA 90015** **HAZNET**
0.171 mi.
901 ft. **Site 2 of 3 in cluster M**

Relative:
Lower

Actual:
243 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/17/1995
Facility name:	ANACOMP INC
Facility address:	1149 S BROADWAY ST STE B 226 BROADWAY BLDG LOS ANGELES, CA 90015
EPA ID:	CAD983673419
Contact:	TONY WEAVER
Contact address:	PO BOX 40888 INDIANAPOLIS, IN 462400888
Contact country:	US
Contact telephone:	(317) 844-9666
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ANACOMP INC
Owner/operator address:	P O BOX 40388 INDIANAPOLIS, IN 46240
Owner/operator country:	Not reported
Owner/operator telephone:	(317) 844-9666
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: 110002902967

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource

ANACOMP INC (Continued) **1000857889**

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.

Registry ID: 110059795495

Environmental Interest/Information System

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

HAZNET:

envid:	1000857889
Year:	1995
GEPAID:	CAD983673419
Contact:	ANACOMP INC
Telephone:	6196799797
Mailing Name:	Not reported
Mailing Address:	11075 KNOTT AVE STE B
Mailing City,St,Zip:	CYPRESS, CA 906300000
Gen County:	Not reported
TSD EPA ID:	CAT000613976
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.1251
Facility County:	Los Angeles

70
ENE
1/8-1/4
0.175 mi.
922 ft.

GOODYEAR SERVICE CENTER #9265 **HIST UST** **U001560614**
940 S HILL ST **N/A**
LOS ANGELES, CA 90015

Relative:
Higher

Actual:
253 ft.

HIST UST:

Region:	STATE
Facility ID:	00000029515
Facility Type:	Other
Other Type:	AUTO REPAIR CENTER
Contact Name:	RALPH MESCHKAT
Telephone:	2136239121
Owner Name:	GOODYEAR TIRE & RUBBER
Owner Address:	1146 E. MARKET ST.

GOODYEAR SERVICE CENTER #9265 (Continued) **U001560614**

Owner City,St,Zip:	AKRON, OH 44316
Total Tanks:	0001
Tank Num:	001
Container Num:	#0001
Year Installed:	1972
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

K71 **COMMUNITY REDEVELOPMENT** **SWEEPS UST** **S101588157**
North **956 S HOPE ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.175 mi.
923 ft. **Site 5 of 5 in cluster K**

Relative:
Higher

Actual:
251 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	6931
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

CA FID UST:

Facility ID:	19056393
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	956 S HOPE ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

N72 **PROPERTY UNDER CONSTRUCTION** **LUST** **S106915902**
NW **1050-1070 FLOWER ST. S.** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.176 mi.
929 ft. **Site 1 of 2 in cluster N**

Relative:
Lower

Actual:
246 ft.

LUST:

Region:	STATE
Global Id:	T0603519348
Latitude:	34.043664
Longitude:	-118.263497
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/09/2007
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	CET
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900150107
LOC Case Number:	35569
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Heating Oil / Fuel Oil
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603519348
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528

Global Id:	T0603519348
Contact Type:	Regional Board Caseworker
Contact Name:	CHANDRA TYLER
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	cetyler@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603519348
Status:	Completed - Case Closed
Status Date:	03/09/2007

Global Id:	T0603519348
Status:	Open - Case Begin Date
Status Date:	12/02/2003

Global Id:	T0603519348
Status:	Open - Site Assessment
Status Date:	12/02/2003

Global Id:	T0603519348

PROPERTY UNDER CONSTRUCTION (Continued) **S106915902**

Status: Open - Site Assessment
Status Date: 09/17/2004

Regulatory Activities:
Global Id: T0603519348
Action Type: ENFORCEMENT
Date: 03/06/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0603519348
Action Type: RESPONSE
Date: 02/11/2005
Action: Other Report / Document

Global Id: T0603519348
Action Type: Other
Date: 12/02/2003
Action: Leak Discovery

Global Id: T0603519348
Action Type: ENFORCEMENT
Date: 01/11/2005
Action: Staff Letter

Global Id: T0603519348
Action Type: Other
Date: 09/17/2004
Action: Leak Reported

Global Id: T0603519348
Action Type: REMEDIATION
Date: 12/02/2003
Action: Excavation

Global Id: T0603519348
Action Type: ENFORCEMENT
Date: 03/09/2007
Action: Closure/No Further Action Letter

M73 **TRANSAMERICA REALTY SERVICES** **SWEEPS UST** **S101584268**
South **150 W 12TH ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.183 mi.
964 ft. **Site 3 of 3 in cluster M**

Relative:
Lower

Actual:
242 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 7466
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported

TRANSAMERICA REALTY SERVICES (Continued) **S101584268**

Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

CA FID UST:
Facility ID: 19010041
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 150 W 12TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

O74 **FEDERAL RESERVE BANK OF SAN FR** **SWEEPS UST** **S101586165**
NNE **950 S GRAND AV** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015** **EMI**
0.188 mi.
995 ft. **Site 1 of 4 in cluster O**

Relative:
Higher

Actual:
255 ft.

SWEEPS UST:
Status: Active
Comp Number: 6485
Number: 7
Board Of Equalization: Not reported
Referral Date: 06-02-93
Action Date: 06-02-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19040144
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000

FEDERAL RESERVE BANK OF SAN FR (Continued) **S101586165**

Mail To:	Not reported
Mailing Address:	950 S GRAND AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	54835
Air District Name:	SC
SIC Code:	6011
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

O75 **US FEDERAL RESERVE BANK** **RCRA-SQG 1000214013**
NNE **950 S GRAND** **FINDS CA3007890368**
1/8-1/4 **LOS ANGELES, CA 90015**
0.188 mi.
995 ft. **Site 2 of 4 in cluster O**

Relative:
Higher

Actual:
255 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	US FEDERAL RESERVE BANK
Facility address:	950 S GRAND LOS ANGELES, CA 90015
EPA ID:	CA3007890368
Mailing address:	PO BOX 2077 TERMINAL ANNEX LOS ANGELES, CA 90015
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
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

US FEDERAL RESERVE BANK (Continued) **1000214013**

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
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: FEDERAL RESERVE BANK
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Federal
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

Historical Generators:
Date form received by agency: 04/13/1990
Site name: FEDERAL RESERVE BANK
Classification: Large Quantity Generator

Date form received by agency: 04/06/1987
Site name: US FEDERAL RESERVE BANK
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002625213

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

US FEDERAL RESERVE BANK (Continued) **1000214013**

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.

O76 **FEDERAL RESERVE BANK OF SF** **UST** **U003780898**
NNE **950 S GRAND AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.188 mi.
995 ft. **Site 3 of 4 in cluster O**

Relative:
Higher

Actual:
255 ft.

UST:

Facility ID:	24478
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.04368
Longitude:	-118.25993

O77 **COMMUNITY REDEVELOPMENT AGENCY** **SWEEPS UST** **S106924837**
NNE **943 S GRAND AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.191 mi.
1007 ft. **Site 4 of 4 in cluster O**

Relative:
Higher

Actual:
255 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	8154
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

N78 **BIG TICKET PROD ASIAN MKT PL** **RCRA-SQG** **1001075653**
WNW **1100 S FLOWER** **FINDS** **CAR000007419**
1/8-1/4 **LOS ANGELES, CA 90015**
0.197 mi.
1040 ft. **Site 2 of 2 in cluster N**

Relative:
Lower

Actual:
245 ft.

RCRA-SQG:

Date form received by agency:	12/11/1995
Facility name:	BIG TICKET PROD ASIAN MKT PL
Facility address:	1100 S FLOWER LOS ANGELES, CA 900151113
EPA ID:	CAR000007419
Mailing address:	W OLYMPIC BLVD STE 303

BIG TICKET PROD ASIAN MKT PL (Continued) **1001075653**

LOS ANGELES, CA 900641113
Contact: HUGH CONLON
Contact address: 11811 W OLYMPIC BLVD STE 303
LOS ANGELES, CA 900641113
Contact country: US
Contact telephone: (213) 749-4075
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: BIPACIFIC MKTNG EXHIBTG INC
Owner/operator address: 1100 S FLOWER ST STE 300
LOS ANGELES, CA 90015
Owner/operator country: Not reported
Owner/operator telephone: (213) 748-8488
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: 110002909283

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

P79
NE
1/8-1/4
0.202 mi.
1065 ft.

BILTMORE CLEANERS
342 W 9TH ST
LOS ANGELES, CA 90015
Site 1 of 3 in cluster P

RCRA-SQG
FINDS
DRYCLEANERS
HAZNET

1000857954
CAD983674094

Relative:
Higher

Actual:
255 ft.

RCRA-SQG:

Date form received by agency:	12/06/1993
Facility name:	BILTMORE CLEANERS
Facility address:	342 W 9TH ST LOS ANGELES, CA 90015
EPA ID:	CAD983674094
Mailing address:	W NINETH ST LOS ANGELES, CA 90015
Contact:	BOB GREEN
Contact address:	342 W NINETH ST LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	(213) 624-3595
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:	BOBBY JOE GREEN
Owner/operator address:	342 W 9TH ST LOS ANGELES, CA 90015
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 624-3595
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

BILTMORE CLEANERS (Continued) **1000857954**

FINDS:

Registry ID: 110002903476

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

DRYCLEANERS:

EPA Id:	CAD983674094
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	12/08/1995
Facility Active:	No
Inactive Date:	06/30/1998
Facility Addr2:	Not reported
Owner Name:	BOBBY JOE GREEN
Owner Address:	342 W 9TH ST
Owner Address 2:	Not reported
Owner Telephone:	2135640301
Contact Name:	BOBBY JOE GREEN
Contact Address:	INACT PER 98VQ FINAL NOTICE
Contact Address 2:	- BATCH 4/27
Contact Telephone:	2136243595
Mailing Name:	Not reported
Mailing Address 1:	342 W 9TH ST
Mailing Address 2:	Not reported
Mailing City:	LOS ANGELES
Mailing State:	CA
Mailing Zip:	900151502
Owner Fax:	Not reported
Region Code:	3

HAZNET:

envid:	1000857954
Year:	1998
GEPAID:	CAD983674094
Contact:	BOBBY JOE GREEN
Telephone:	2135640301
Mailing Name:	Not reported
Mailing Address:	342 W 9TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900151502
Gen County:	Not reported
TSD EPA ID:	CAD981397417
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Recycler
Tons:	.6737

BILTMORE CLEANERS (Continued) **1000857954**

Facility County: Los Angeles

envid: 1000857954
Year: 1997
GEPAID: CAD983674094
Contact: BOBBY JOE GREEN
Telephone: 2135640301
Mailing Name: Not reported
Mailing Address: 342 W 9TH ST
Mailing City,St,Zip: LOS ANGELES, CA 900151502
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Not reported
Tons: .2398
Facility County: Los Angeles

envid: 1000857954
Year: 1997
GEPAID: CAD983674094
Contact: BOBBY JOE GREEN
Telephone: 2135640301
Mailing Name: Not reported
Mailing Address: 342 W 9TH ST
Mailing City,St,Zip: LOS ANGELES, CA 900151502
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: .2398
Facility County: Los Angeles

envid: 1000857954
Year: 1996
GEPAID: CAD983674094
Contact: BOBBY JOE GREEN
Telephone: 2135640301
Mailing Name: Not reported
Mailing Address: 342 W 9TH ST
Mailing City,St,Zip: LOS ANGELES, CA 900151502
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: .4630
Facility County: Los Angeles

envid: 1000857954
Year: 1995
GEPAID: CAD983674094
Contact: BOBBY JOE GREEN

BILTMORE CLEANERS (Continued) **1000857954**

Telephone:	2135640301
Mailing Name:	Not reported
Mailing Address:	342 W 9TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900151502
Gen County:	Not reported
TSD EPA ID:	CAD981397417
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Recycler
Tons:	.2357
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

P80 **RESTORE NEIGHBORHOODS LA INC.** **RCRA-LQG 1016139881**
NE **315 W 9TH STREET, SUITE 501** **FINDS CAC002676931**
1/8-1/4 **LOS ANGELES, CA 90015**
0.208 mi.
1097 ft. **Site 2 of 3 in cluster P**

Relative:
Higher

Actual:
255 ft.

RCRA-LQG:

Date form received by agency:	01/07/2013
Facility name:	RESTORE NEIGHBORHOODS LA INC.
Facility address:	315 W 9TH STREET, SUITE 501 LOS ANGELES, CA 90015
EPA ID:	CAC002676931
Mailing address:	W 9TH STREET, SUITE 501 LOS ANGELES, CA 90015
Contact:	TIM RASKY
Contact address:	W 9TH STREET, SUITE 501 LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	(213) 270-1733
Contact email:	Not reported
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	JOHN PERFITT
Owner/operator address:	W 9TH STREET, SUITE 501 LOS ANGELES, CA 90015
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 270-1733

RESTORE NEIGHBORHOODS LA INC. (Continued) **1016139881**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2011
Owner/Op end date: Not reported

Owner/operator name: RESTORE NEIGHBORHOODS LA INC.
Owner/operator address: W 9TH STREET, SUITE 501
LOS ANGELES, CA 90015
Owner/operator country: Not reported
Owner/operator telephone: (213) 270-1733
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2011
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

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110055378513

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

P81 **EXXONMOBIL OIL CORP 99ONN** **RCRA NonGen / NLR** **1016140008**
NE **315 W 9TH ST** **CAR000235895**
1/8-1/4 **LOS ANGELES, CA 90015**
0.208 mi.
1097 ft. **Site 3 of 3 in cluster P**

Relative:
Higher

Actual:
255 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/26/2014
Facility name:	EXXONMOBIL OIL CORP 99ONN
Facility address:	315 W 9TH ST LOS ANGELES, CA 90015
EPA ID:	CAR000235895
Mailing address:	800 E WASHINGTON ST EMES CARE OF JD2 ENV INC WEST CHESTER, PA 19380
Contact:	DONNA HYMES
Contact address:	800 E WASHINGTON ST WEST CHESTER, PA 19380
Contact country:	US
Contact telephone:	610-430-8151
Contact email:	DHYMES@JD2ENV.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	OMNI GROUP OF COMPANIES
Owner/operator address:	550 ROBSON ST VANCOUVER, V6B 2
Owner/operator country:	CA
Owner/operator telephone:	213-629-2041
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/09/2011
Owner/Op end date:	Not reported

Owner/operator name:	OMNI GROUP OF COMPANIES
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/09/2011
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

EXXONMOBIL OIL CORP 99ONN (Continued) **1016140008**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/01/2014
Site name: EXXONMOBIL OIL CORP 99ONN
Classification: Small Quantity Generator

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/13/2013
Site name: EXXONMOBIL OIL CORP 99ONN
Classification: Large Quantity Generator

. Waste code: 133
. Waste name: 133

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

82
WNW
1/8-1/4
0.210 mi.
1109 ft.

ARCO #5033 **LUST** **S109117550**
1151 S FLOWER ST **N/A**
LOS ANGELES, CA

Relative:
Lower

Actual:
244 ft.

LUST:
Region: STATE
Global Id: T0603708034
Latitude: 34.042115
Longitude: -118.265642
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/09/2013
Lead Agency: LOS ANGELES, CITY OF
Case Worker: EL
Local Agency: LOS ANGELES, CITY OF
RB Case Number: Not reported
LOC Case Number: XS0001146
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603708034

ARCO #5033 (Continued) **S109117550**

Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603708034
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603708034
Status:	Completed - Case Closed
Status Date:	04/09/2013

Global Id:	T0603708034
Status:	Open - Case Begin Date
Status Date:	08/31/1995

Global Id:	T0603708034
Status:	Open - Site Assessment
Status Date:	11/07/1995

Global Id:	T0603708034
Status:	Open - Site Assessment
Status Date:	01/17/1996

Global Id:	T0603708034
Status:	Open - Site Assessment
Status Date:	05/20/1996

Global Id:	T0603708034
Status:	Open - Verification Monitoring
Status Date:	06/03/1996

Regulatory Activities:

Global Id:	T0603708034
Action Type:	Other
Date:	08/31/1995
Action:	Leak Discovery

Global Id:	T0603708034
Action Type:	Other
Date:	11/07/1995
Action:	Leak Reported

Global Id:	T0603708034
Action Type:	ENFORCEMENT
Date:	04/09/2013

ARCO #5033 (Continued) **S109117550**

Action: Closure/No Further Action Letter

83
SW
1/8-1/4
0.230 mi.
1217 ft.

CR AND A CUSTOM INC **RCRA-SQG** **1014387070**
312 W PICO BLVD **HAZNET** **CAR000205021**
LOS ANGELES, CA 90015

Relative:
Lower

Actual:
239 ft.

RCRA-SQG:

Date form received by agency:	02/09/2010
Facility name:	CR AND A CUSTOM INC
Facility address:	312 W PICO BLVD LOS ANGELES, CA 90015
EPA ID:	CAR000205021
Contact:	MASOUD RAD
Contact address:	312 W PICO BLVD LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	213-749-4440
Contact email:	MASOUD@CRACUSTOM.COM
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:	MASOUD RAD
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/01/1993
Owner/Op end date:	Not reported

Owner/operator name:	MASOUD RAD
Owner/operator address:	312 W PICO BLVD LOS ANGELES, CA 90015
Owner/operator country:	US
Owner/operator telephone:	213-749-4440
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/01/1993
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

CR AND A CUSTOM INC (Continued) **1014387070**

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

HAZNET:
envid: 1014387070
Year: 2013
GEPAID: CAR000205021
Contact: MASOUD RAD
Telephone: 2137494440
Mailing Name: Not reported
Mailing Address: 312 W PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900150000
Gen County: Los Angeles
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.9
Facility County: Not reported

envid: 1014387070
Year: 2011
GEPAID: CAR000205021
Contact: MASOUD RAD
Telephone: 2137494440
Mailing Name: Not reported
Mailing Address: 312 W PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900150000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.792
Facility County: Los Angeles

envid: 1014387070
Year: 2010
GEPAID: CAR000205021
Contact: MASOUD RAD
Telephone: 2137494440
Mailing Name: Not reported
Mailing Address: 312 W PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900150000
Gen County: Not reported
TSD EPA ID: CAD982444481

CR AND A CUSTOM INC (Continued) **1014387070**

TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Facility County:	Los Angeles
envid:	1014387070
Year:	2010
GEPAID:	CAR000205021
Contact:	MASOUD RAD
Telephone:	2137494440
Mailing Name:	Not reported
Mailing Address:	312 W PICO BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Not reported
TSD EPA ID:	CAD008252405
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	3.96
Facility County:	Los Angeles
envid:	1014387070
Year:	2010
GEPAID:	CAR000205021
Contact:	MASOUD RAD
Telephone:	2137494440
Mailing Name:	Not reported
Mailing Address:	312 W PICO BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900150000
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.231
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

Q84 **SERVICE STATION 3300** **HIST UST** **1000166719**
NNW **730 W OLYMPIC BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.233 mi.
1228 ft. **Site 1 of 5 in cluster Q**

Relative:
Higher

Actual:
250 ft.

HIST UST:

Region:	STATE
Facility ID:	00000019079
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	JOHN M VRANJES
Telephone:	2137497756
Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	3701 WILSHIRE BOULEVARD-SUITE

SERVICE STATION 3300 (Continued) **1000166719**

Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0004
Tank Num:	001
Container Num:	3300-1
Year Installed:	1964
Tank Capacity:	00009940
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test, 10
Tank Num:	002
Container Num:	3300-2
Year Installed:	1964
Tank Capacity:	00009940
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test, 10
Tank Num:	003
Container Num:	3300-3
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test, 10
Tank Num:	004
Container Num:	3300-4
Year Installed:	1964
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test, 10

Q85 **UNOCAL 76** **SWEEPS UST S101585394**
NNW **730 W OLYMPIC BLVD** **CA FID UST N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.233 mi.
1228 ft. **Site 2 of 5 in cluster Q**

Relative:
Higher

Actual:
250 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	1380
Number:	Not reported
Board Of Equalization:	44-001057
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001380-000001
Tank Status:	Not reported
Capacity:	9940
Active Date:	Not reported

UNOCAL 76 (Continued) **S101585394**

Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	4
Status:	Not reported
Comp Number:	1380
Number:	Not reported
Board Of Equalization:	44-001057
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001380-000002
Tank Status:	Not reported
Capacity:	9940
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	1380
Number:	Not reported
Board Of Equalization:	44-001057
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001380-000003
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	1380
Number:	Not reported
Board Of Equalization:	44-001057
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001380-000004
Tank Status:	Not reported
Capacity:	280
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

UNOCAL 76 (Continued) **S101585394**

CA FID UST:

Facility ID:	19023169
Regulated By:	UTNKI
Regulated ID:	00019079
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137497756
Mail To:	Not reported
Mailing Address:	3701 WILSHIRE BOULEVARD-S
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

Q86 **UNION OIL SERVICE STATION 3300** **HIST UST** **U001560635**
NNW **730 W OLYMPIC BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.233 mi.
1228 ft. **Site 3 of 5 in cluster Q**

Relative:
Higher

Actual:
250 ft.

HIST UST:

Region:	STATE
Facility ID:	00000055962
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	JOHN M. VRANJES
Telephone:	2137497756
Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0001
Tank Num:	001
Container Num:	3300-00
Year Installed:	Not reported
Tank Capacity:	00000196
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Q87 **UNOCAL CORPORATION** **LUST** **S103065777**
NNW **730 OLYMPIC BLVD** **EMI** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015** **HIST CORTESE**
0.233 mi.
1228 ft. **Site 4 of 5 in cluster Q**

Relative:
Higher

Actual:
250 ft.

LUST:

Region:	STATE
Global Id:	T0603700550
Latitude:	34.044564
Longitude:	-118.263789
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/30/1994
Lead Agency:	LOS ANGELES, CITY OF
Case Worker:	EL
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900150070
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700550
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603700550
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Status History:

Global Id:	T0603700550
Status:	Completed - Case Closed
Status Date:	06/30/1994

Global Id:	T0603700550
Status:	Open - Case Begin Date
Status Date:	03/30/1994

Global Id:	T0603700550
Status:	Open - Remediation
Status Date:	03/30/1994

UNOCAL CORPORATION (Continued) **S103065777**

Regulatory Activities:
- Global Id: T0603700550
- Action Type: Other
- Date: 03/30/1994
- Action: Leak Reported

LUST REG 4:
- Region: 4
- Regional Board: 04
- County: Los Angeles
- Facility Id: 900150070
- Status: Case Closed
- Substance: Hydrocarbons
- Substance Quantity: Not reported
- Local Case No: Not reported
- Case Type: Soil
- Abatement Method Used at the Site: Not reported
- Global ID: T0603700550
- W Global ID: W0607701254
- Staff: UNK
- Local Agency: 19050
- Cross Street: FIGUEROA ST
- Enforcement Type: Not reported
- Date Leak Discovered: Not reported
- Date Leak First Reported: 3/30/1994
- Date Leak Record Entered: 6/30/1995
- Date Confirmation Began: Not reported
- Date Leak Stopped: Not reported
- Date Case Last Changed on Database: 6/30/1995
- Date the Case was Closed: 6/30/1994
- How Leak Discovered: Not reported
- How Leak Stopped: Not reported
- Cause of Leak: Not reported
- Leak Source: Not reported
- Operator: OLD CASE #960105-23
- Water System: UNOCAL - JIM SCOTT
- Well Name: Not reported
- Approx. Dist To Production Well (ft): 2846.884676098390760468648895
- Source of Cleanup Funding: Not reported
- Preliminary Site Assessment Workplan Submitted: Not reported
- Preliminary Site Assessment Began: Not reported
- Pollution Characterization Began: Not reported
- Remediation Plan Submitted: Not reported
- Remedial Action Underway: 3/30/1994
- 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: UNOCAL

UNOCAL CORPORATION (Continued) **S103065777**

RP Address: 376 S VALENCIA BREA CA 92621
Program: LUST
Lat/Long: 34.0444172 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 3901254-001GEN
Summary: Not reported

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	76680
Air District Name:	SC
SIC Code:	1311
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900150070

R88 **LOS ANGELES HERALD EXAMINER** **HIST UST** **U001560616**
SSE **1111 S BROADWAY** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.234 mi.
1236 ft. **Site 1 of 5 in cluster R**

Relative:
Lower

Actual:
240 ft.

HIST UST:

Region:	STATE
Facility ID:	00000065237
Facility Type:	Other
Other Type:	NEWSPAPER
Contact Name:	RAY WILLIS
Telephone:	2137448219
Owner Name:	THE HEARST CORPORATION
Owner Address:	959 EIGHTH AVENUE
Owner City,St,Zip:	NEW YORK, NY 10019
Total Tanks:	0002
Tank Num:	001
Container Num:	41993 A
Year Installed:	1948
Tank Capacity:	00006000

LOS ANGELES HERALD EXAMINER (Continued) **U001560616**

Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	41993 B
Year Installed:	1948
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test

R89 **LOS ANGELES HERALD EXAMINER** **SWEEPS UST** **S101617170**
SSE **1111 S BROADWAY** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.234 mi.
1236 ft. **Site 2 of 5 in cluster R**

Relative:
Lower

Actual:
240 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	3778
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

CA FID UST:

Facility ID:	19039847
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137448219
Mail To:	Not reported
Mailing Address:	1111 S BROADWAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

Q90 **FELIX CHEVROLET** **SWEEPS UST** **S101583754**
NNW **714 W OLYMPIC BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015** **HAZNET**
0.237 mi.
1249 ft. **Site 5 of 5 in cluster Q**

Relative:
Higher

Actual:
250 ft.

SWEEPS UST:

Status:	Active
Comp Number:	7181
Number:	1
Board Of Equalization:	Not reported
Referral Date:	07-06-93
Action Date:	07-06-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19005940
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	714 W OLYMPIC BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HAZNET:

envid:	S101583754
Year:	2013
GEPAID:	CAC002715670
Contact:	ROB JAWA
Telephone:	8187724483
Mailing Name:	Not reported
Mailing Address:	714 W OLYMPIC BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 90015
Gen County:	Los Angeles
TSD EPA ID:	AZC950823111
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

FELIX CHEVROLET (Continued) **S101583754**

Tons: 12.8
Facility County: Not reported

R91
South
1/8-1/4
0.239 mi.
1264 ft.

LOS ANGELES HERALD EXAMINER **SWEEPS UST S101629310**
1201 S MAIN ST **CA FID UST N/A**
LOS ANGELES, CA 90015

Site 3 of 5 in cluster R

Relative:
Lower

Actual:
239 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 663
Number: Not reported
Board Of Equalization: 44-011326
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000663-000001
Tank Status: Not reported
Capacity: 9950
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 1

CA FID UST:
Facility ID: 19054181
Regulated By: UTNKI
Regulated ID: 00005590
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137448000
Mail To: Not reported
Mailing Address: 959 8TH AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900150000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

R92
South
1/8-1/4
0.239 mi.
1264 ft.

FC BROADWAY AND HILL 1201 SOUTH MAIN
1201 S MAIN STREET
LOS ANGELES, CA 90015

Site 4 of 5 in cluster R

ENVIROSTOR
VCP

S117038679
N/A

Relative:
Lower

Actual:
239 ft.

ENVIROSTOR:

Facility ID:	60002033
Status:	Active
Status Date:	07/14/2014
Site Code:	301671-11
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	1.1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Haissam Salloum
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	30
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.03762
Longitude:	-118.2600
APN:	NONE SPECIFIED
Past Use:	VEHICLE MAINTENANCE, VEHICLE MAINTENANCE
Potential COC:	Benzene TPH-gas Toluene Xylenes TPH-gas Ethylbenzene Xylenes
Confirmed COC:	30003-NO TPH-gas 30593-NO 30550-NO TPH-gas Ethylbenzene Xylenes
Potential Description:	SV
Alias Name:	301671-11
Alias Type:	Project Code (Site Code)
Alias Name:	60002033
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	07/09/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/20/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/30/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan

FC BROADWAY AND HILL 1201 SOUTH MAIN (Continued) **S117038679**

Completed Date: 02/10/2015
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 60002033
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Haissam Salloum
Supervisor: Sayareh Amirebrahimi
Division Branch: Cleanup Chatsworth
Site Code: 301671-11
Assembly: 53
Senate: 30
Special Programs Code: Voluntary Cleanup Program
Status: Active
Status Date: 07/14/2014
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 34.03762 / -118.2600
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE, VEHICLE MAINTENANCE
Potential COC: 30003, 30025, 30550, 30593, 30025, 30272, 30593
Confirmed COC: 30003-NO,30025,30593-NO,30550-NO,, ,30025,30272,30593
Potential Description: SV
Alias Name: 301671-11
Alias Type: Project Code (Site Code)
Alias Name: 60002033
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 07/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/20/2014
Comments: Not reported

FC BROADWAY AND HILL 1201 SOUTH MAIN (Continued) **S117038679**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/30/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	02/10/2015
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

R93 **LOS ANGELES HERALD EXAMINER** **HIST UST** **U001560617**
South **1201 S MAIN ST # 19** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.239 mi.
1264 ft. **Site 5 of 5 in cluster R**

Relative:
Lower

Actual:
239 ft.

HIST UST:

Region:	STATE
Facility ID:	00000005590
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	RYDER TRUCK LEASE/BOB WARE
Telephone:	2137448000
Owner Name:	HEARST CORPORATION
Owner Address:	959 EIGHTH AVENUE
Owner City,St,Zip:	NEW YORK CITY, NY 10019
Total Tanks:	0001
Tank Num:	001
Container Num:	9950
Year Installed:	1964
Tank Capacity:	00009950
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	001
Container Num:	9,950
Year Installed:	1964
Tank Capacity:	00009950
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

94
WSW
1/8-1/4
0.241 mi.
1273 ft.

BOOKBINDERS CO
1240 S HOPE ST
LOS ANGELES, CA 90015

RCRA-SQG **1000886258**
FINDS **CA0000134619**

Relative:
Lower

Actual:
239 ft.

RCRA-SQG:

Date form received by agency:	02/11/1994
Facility name:	BOOKBINDERS CO
Facility address:	1240 S HOPE ST LOS ANGELES, CA 90015
EPA ID:	CA0000134619
Mailing address:	S HOPE ST LOS ANGELES, CA 90015
Contact:	STEVE SMITH
Contact address:	1240 S HOPE ST LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	(213) 748-6261
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:	BOOKBINDERS CO
Owner/operator address:	1240 S HOPE ST LOS ANGELES, CA 90015
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 748-6261
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

BOOKBINDERS CO (Continued) **1000886258**

FINDS:

Registry ID: 110002613805

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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95 **9TH & HILL PARTNERSHIP** **SWEEPS UST** **S101585657**
ENE **220 W 9TH ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.248 mi.
1311 ft.

Relative:
Higher

Actual:
252 ft.

SWEEPS UST:

Status:	Active
Comp Number:	4094
Number:	1
Board Of Equalization:	Not reported
Referral Date:	06-25-93
Action Date:	04-26-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19027233
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	220 W 9TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

S96 **CITY OF LOS ANGELES - STAPLES ARENA** **SLIC** **S106387148**
WNW **1111 FIGUEROA** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015**
0.282 mi.
1488 ft. **Site 1 of 3 in cluster S**

Relative:
Lower

Actual:
244 ft.

SLIC REG 4:

Region:	4
Facility Status:	Remediation
SLIC:	0856
Substance:	TPH/VOCs/Metals
Staff:	DY

S97 **CITY OF LOS ANGELES - STAPLES ARENA** **SLIC** **S103975297**
WNW **1111 S FIGUEROA** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015**
0.282 mi.
1488 ft. **Site 2 of 3 in cluster S**

Relative:
Lower

Actual:
244 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/01/2005
Global Id:	SL163772345
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0450144589412
Longitude:	-118.266491889954
Case Type:	Cleanup Program Site
Case Worker:	DY
Local Agency:	Not reported
RB Case Number:	0856
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

S98 **DEMOCRATIC NATIONAL CONVENTION - STAPLES CENTER** **CERCLIS** **1005440840**
WNW **1111 SOUTH FIGUEROA STREET** **CASFN0905578**
1/4-1/2 **LOS ANGELES, CA 90015**
0.282 mi.
1488 ft. **Site 3 of 3 in cluster S**

Relative:
Lower

Actual:
244 ft.

CERCLIS:

Site ID:	0905578
EPA ID:	CASFN0905578
Facility County:	LOS ANGELES
Short Name:	DEMOCRATIC CONVENTION
Congressional District:	33
IFMS ID:	09GC
SMSA Number:	Not reported
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported

DEMOCRATIC NATIONAL CONVENTION - STAPLES CENTER (Continued) **1005440840**

USGS Quadrangle:	Not reported
Site Init By Prog:	R
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date:	01/10/02
Site Fips Code:	06037
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	13003854.00000
Contact Name:	Leslie Ramirez
Contact Tel:	(415) 972-3978
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

Contact ID:	13003858.00000
Contact Name:	Sharon Murray
Contact Tel:	(415) 972-4250
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

Contact ID:	13004003.00000
Contact Name:	Carl Brickner
Contact Tel:	Not reported
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

Alias Comments: Not reported
Site Description: To track counter-terrorism actions and funding for the Democratic national convention at the Staples Center in LA.

CERCLIS Assessment History:

Action Code:	001
Action:	REMOVAL
Date Started:	08/09/00
Date Completed:	08/18/00
Priority Level:	Cleaned up
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Time Critical
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

DEMOCRATIC NATIONAL CONVENTION - STAPLES CENTER (Continued) **1005440840**

Click this hyperlink while viewing on your computer to access
23 additional US CERCLIS Financial: record(s) in the EDR Site Report.

99
NW
1/4-1/2
0.299 mi.
1578 ft.

DOWNTOWN CAR WASH
811 OLYMPIC BLVD W
LOS ANGELES, CA 90015

LUST **S111345541**
N/A

Relative:
Higher

Actual:
249 ft.

LUST:

Region:	STATE
Global Id:	T10000003408
Latitude:	34.045429
Longitude:	-118.264462
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/23/2013
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	MB
Local Agency:	Not reported
RB Case Number:	900150134
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T10000003408
Contact Type:	Regional Board Caseworker
Contact Name:	MAGDY BAIADY
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	LOS ANGELES
Email:	mbaiady@waterboards.ca.gov
Phone Number:	2135766699

Status History:

Global Id:	T10000003408
Status:	Completed - Case Closed
Status Date:	07/23/2013
Global Id:	T10000003408
Status:	Open - Case Begin Date
Status Date:	03/25/2003
Global Id:	T10000003408
Status:	Open - Eligible for Closure
Status Date:	02/05/2013
Global Id:	T10000003408
Status:	Open - Site Assessment
Status Date:	03/25/2003

DOWNTOWN CAR WASH (Continued) **S111345541**

Regulatory Activities:

Global Id:	T10000003408
Action Type:	RESPONSE
Date:	01/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	08/29/2013
Action:	Well Destruction Report
Global Id:	T10000003408
Action Type:	ENFORCEMENT
Date:	07/23/2013
Action:	Closure/No Further Action Letter
Global Id:	T10000003408
Action Type:	ENFORCEMENT
Date:	03/25/2003
Action:	Referral to Regional Board
Global Id:	T10000003408
Action Type:	ENFORCEMENT
Date:	01/09/2012
Action:	Staff Letter
Global Id:	T10000003408
Action Type:	Other
Date:	03/25/2003
Action:	Leak Reported
Global Id:	T10000003408
Action Type:	ENFORCEMENT
Date:	03/21/2013
Action:	Notification - Preclosure
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	10/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	03/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	01/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000003408

DOWNTOWN CAR WASH (Continued) **S111345541**

Action Type:	RESPONSE
Date:	01/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	02/02/2012
Action:	Request for Closure
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	02/02/2012
Action:	Soil and Water Investigation Report
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	02/06/2012
Action:	Other Report / Document
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	02/02/2012
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	02/02/2012
Action:	Soil and Water Investigation Workplan
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	02/02/2012
Action:	Soil and Water Investigation Workplan
Global Id:	T10000003408
Action Type:	RESPONSE
Date:	01/23/2013
Action:	Tank Removal Report / UST Sampling Report

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100 **JOHNSON BRONZE COMPANY** **ENVIROSTOR** **S101480797**
NNE **1818 S. GRAND AVENUE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90017**
0.306 mi.
1614 ft.

Relative:
Higher

Actual:
259 ft.

ENVIROSTOR:

Facility ID:	19340506
Status:	Refer: Other Agency
Status Date:	08/15/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported

JOHNSON BRONZE COMPANY (Continued) **S101480797**

Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	30
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.03388
Longitude:	-118.2675
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS * OIL/WATER SEPARATION SLUDGE * UNSPECIFIED SOLVENT MIXTURES
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	JOHNSON AUTOMOTIVE
Alias Type:	Alternate Name
Alias Name:	PARKER HANNIFIN CORP(1968-PRESENT)
Alias Type:	Alternate Name
Alias Name:	CAD981425002
Alias Type:	CERCLIS ID
Alias Name:	19340506
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	09/11/1981
Comments:	FACILITY IDENTIFIED ID BY 1947 PAC TEL DIR. BEARINGS: BABBITT, BRONZE, ETC.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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101 West 1/4-1/2 0.307 mi. 1623 ft.

CONVENTION CENTER
1201 FIGUEROA ST S
LOS ANGELES, CA 90015

LUST **S101296999**
ENF **N/A**
HIST CORTESE

Relative: Lower

Actual: 240 ft.

LUST:

Region:	STATE
Global Id:	T0603700551
Latitude:	34.040463
Longitude:	-118.268681
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1998
Lead Agency:	LOS ANGELES, CITY OF

CONVENTION CENTER (Continued) **S101296999**

Case Worker:	EL
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900150089
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700551
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603700551
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Status History:

Global Id:	T0603700551
Status:	Completed - Case Closed
Status Date:	08/13/1998

Global Id:	T0603700551
Status:	Open - Case Begin Date
Status Date:	05/11/1988

Global Id:	T0603700551
Status:	Open - Site Assessment
Status Date:	09/20/1988

Regulatory Activities:

Global Id:	T0603700551
Action Type:	Other
Date:	05/11/1988
Action:	Leak Discovery

Global Id:	T0603700551
Action Type:	Other
Date:	06/10/1988
Action:	Leak Reported

LUST REG 4:

CONVENTION CENTER (Continued) **S101296999**

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900150089	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700551	
W Global ID:	W0607701254	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	PICO BLVD	
Enforcement Type:	Not reported	
Date Leak Discovered:	5/11/1988	
Date Leak First Reported:		6/10/1988
Date Leak Record Entered:	9/15/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		8/13/1998
Date the Case was Closed:		8/13/1998
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Piping	
Operator:	MUNICIPAL AUDITORIUM DEPT.	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3846.284325040581658650906384 3
Source of Cleanup Funding:		Piping
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		9/20/1988
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	E BROOKES TREIDLER	
RP Address:	SAME AS ABOVE	
Program:	LUST	
Lat/Long:	34.0421633 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	3901254-001GEN	

CONVENTION CENTER (Continued) **S101296999**

Summary: DISCOVERED BY PRIME LOSS NOTE FROM PUMP, SO DISPENSER REMOVED FROM SERVICE

ENF:

Region:	4
Facility Id:	238610
Agency Name:	Los Angeles Convention Center
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.042226
Place Longitude:	-118.26655
SIC Code 1:	7389
SIC Desc 1:	Business Services, NEC
SIC Code 2:	7999
SIC Desc 2:	Amusement and Recreation Services, NEC
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.016
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Miscellaneous
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B196400033
Reg Measure Id:	193902
Reg Measure Type:	Enrollee
Region:	4
Order #:	R4-2004-0058
Npdes# CA#:	CAG994003
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	04/21/2010
Effective Date:	06/30/1998
Expiration/Review Date:	02/03/2005
Termination Date:	12/20/2005

CONVENTION CENTER (Continued) **S101296999**

WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	253306
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	05/18/2004
Adoption/Issuance Date:	05/18/2004
Achieve Date:	Not reported
Termination Date:	05/18/2004
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 5/18/04 for overdue 1Q04 DMR.
Description:	NOV sent 5/18/04 for overdue 1Q04 DMR.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

Region:	4
Facility Id:	238610
Agency Name:	Los Angeles Convention Center
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.042226
Place Longitude:	-118.26655
SIC Code 1:	7389
SIC Desc 1:	Business Services, NEC
SIC Code 2:	7999
SIC Desc 2:	Amusement and Recreation Services, NEC
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1

CONVENTION CENTER (Continued) **S101296999**

Source Of Facility:	Reg Meas
Design Flow:	0.016
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Miscellaneous
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B196400033
Reg Measure Id:	193902
Reg Measure Type:	Enrollee
Region:	4
Order #:	R4-2004-0058
Npdes# CA#:	CAG994003
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	04/21/2010
Effective Date:	06/30/1998
Expiration/Review Date:	02/03/2005
Termination Date:	12/20/2005
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	228151
Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/17/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/17/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Level 1 enforcement letter sent 2/17/00 for 3 overdue DMRs.- 4B190106034
Description:	Level 1 enforcement letter sent 2/17/00 for 3 overdue DMRs.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1

CONVENTION CENTER (Continued) **S101296999**

Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900150089

---

102 **STAPLES ARENA** **SLIC** **S106485978**
WNW **740-750 WEST 10TH PLACE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015**
0.366 mi.
1933 ft.

Relative:
Lower

Actual:
243 ft.

SLIC:

Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	06/30/2002
Global Id:	SLT4L8561883
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0436098443794
Longitude:	-118.269174098969
Case Type:	Cleanup Program Site
Case Worker:	DY
Local Agency:	Not reported
RB Case Number:	0856A
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

T103 **PILLACK PROPERTY** **LUST** **S104916213**
SW **1410 GRAND AVE** **N/A**
1/4-1/2 **EAST LOS ANGELES, CA 90245**
0.369 mi.
1950 ft. **Site 1 of 2 in cluster T**

Relative:
Lower

Actual:
233 ft.

LUST:

Region:	STATE
Global Id:	T0603704135
Latitude:	34.0370135
Longitude:	-118.2652686
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/26/1990
Lead Agency:	LOS ANGELES COUNTY
Case Worker:	JOA

PILLACK PROPERTY (Continued) **S104916213**

Local Agency: LOS ANGELES COUNTY
RB Case Number: I-14091
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603704135
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603704135
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Status History:
Global Id: T0603704135
Status: Completed - Case Closed
Status Date: 01/26/1990

Global Id: T0603704135
Status: Open - Case Begin Date
Status Date: 01/26/1990

Regulatory Activities:
Global Id: T0603704135
Action Type: Other
Date: 01/26/1990
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-14091
Status: Case Closed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported

PILLACK PROPERTY (Continued) **S104916213**

Global ID:	T0603704135	
W Global ID:	W0607701254	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		1/26/1990
Date Leak Record Entered:	2/5/1990	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		2/16/1990
Date the Case was Closed:		1/26/1990
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		5591.98947487533417639747716
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RICHARD B. PILLACK	
RP Address:	4315 INGLEWOOD BOULEVARD, LOS ANGELES, 90066	
Program:	LUST	
Lat/Long:	34.0370135 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	3901254-001GEN	
Summary:	Not reported	

104
NNW
1/4-1/2
0.391 mi.
2064 ft.

801 TOWER BUILDING
845 FIGUEROA AVE S
LOS ANGELES, CA 90017

LUST
HIST CORTESE

S102423552
N/A

Relative:
Higher

Actual:
254 ft.

LUST:

Region:	STATE
Global Id:	T0603700592
Latitude:	34.047249
Longitude:	-118.262391
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/04/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900170125
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700592
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603700592
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Status History:

Global Id:	T0603700592
Status:	Completed - Case Closed
Status Date:	03/04/1996

Global Id:	T0603700592
Status:	Open - Case Begin Date
Status Date:	10/19/1993

Regulatory Activities:

Global Id:	T0603700592
Action Type:	Other
Date:	10/19/1993
Action:	Leak Reported

801 TOWER BUILDING (Continued) **S102423552**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900170125	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0603700592	
W Global ID:	W0607701254	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		10/19/1993
Date Leak Record Entered:	3/30/1995	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		3/4/1996
Date the Case was Closed:		3/4/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1935.000075826197330313631896 6
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	UNION BANK	
RP Address:	P.O. BOX 926, LA PUENTE, CA 91747-0926	
Program:	LUST	
Lat/Long:	34.0469421 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	

801 TOWER BUILDING (Continued) **S102423552**

Assigned Name: 3901254-001GEN
Summary: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900170125

T105 **CITY OF LOS ANGELES - MERCY HOUSING PROJECT** **SLIC** **S106386932**
SW **1450 GRAND** **N/A**
1/4-1/2 **LOS ANGELES, CA 90245**
0.421 mi.
2224 ft. **Site 2 of 2 in cluster T**

Relative:
Lower

Actual:
231 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/12/2011
Global Id:	SLT4L1501772
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0359018301402
Longitude:	-118.265762329102
Case Type:	Cleanup Program Site
Case Worker:	DY
Local Agency:	Not reported
RB Case Number:	0150
File Location:	Regional Board
Potential Media Affected:	Indoor Air, Soil, Soil Vapor
Potential Contaminants of Concern:	Benzene, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Toluene, Trichloroethylene (TCE), Xylene
Site History:	The subject site (Site) was a former machine shop, then used as a parking lot from the 1990s-2002. PCE was encountered in soil and soil gas mostly in area of the former machine shop, however lower concentrations of benzene, toluene, ethylbenzene, and xylenes were also detected at the Site. Soil excavation was completed at the Site in 2004 and a sub-slab vapor barrier and passive ventilation system were installed when the Site was redeveloped as Grand Avenue affordable housing in 2005-2006. The Site has completed 1 year of indoor air and sub-slab monitoring. The Site received a No Further Action letter on May 12, 2011. COCs: Primarily chlorinated solvents, minor BTEX Status: Soil excavation completed, sub-slab vapor barrier and passive vent sys installed, site completed 1 yr of indoor air and sub slab mon. Ready for Closure Review HHRA: Submitted and reviewed/approved by OEHHA Env Cov: No Env Just: No? Low income housing?

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:
Region: 4
Facility Status: Site Assessment
SLIC: 0150
Substance: VOCs
Staff: DY

U106 **MOBIL OIL, CORPORATION** **HIST CORTESE** **S105024745**
NNE **617 7TH** **N/A**
1/4-1/2 **LOS ANGELES, CA 90017**
0.452 mi.
2385 ft. **Site 1 of 2 in cluster U**

Relative:
Higher

Actual:
268 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	3159

---

107 **CAL ST, GEN SERV DEPT** **LUST** **S106827687**
SSW **1525 S BROADWAY** **EMI** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015**
0.452 mi.
2386 ft.

Relative:
Lower

Actual:
230 ft.

LUST:

Region:	STATE
Global Id:	T0603735696
Latitude:	33.9777821
Longitude:	-118.2783035
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/14/2011
Lead Agency:	LOS ANGELES, CITY OF
Case Worker:	EL
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	Not reported
LOC Case Number:	XS0000065
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603735696
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603735696
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603735696
Status:	Completed - Case Closed

CAL ST, GEN SERV DEPT (Continued) **S106827687**

Status Date: 10/14/2011

Global Id: T0603735696
Status: Open - Case Begin Date
Status Date: 03/13/1989

Global Id: T0603735696
Status: Open - Remediation
Status Date: 11/18/1993

Global Id: T0603735696
Status: Open - Site Assessment
Status Date: 03/13/1989

Global Id: T0603735696
Status: Open - Site Assessment
Status Date: 08/04/1993

Global Id: T0603735696
Status: Open - Site Assessment
Status Date: 09/07/2005

Regulatory Activities:
Global Id: T0603735696
Action Type: ENFORCEMENT
Date: 10/14/2011
Action: Closure/No Further Action Letter

Global Id: T0603735696
Action Type: Other
Date: 03/10/1993
Action: Leak Discovery

Global Id: T0603735696
Action Type: Other
Date: 10/05/2005
Action: Leak Reported

EMI:
Year: 1993
County Code: 19
Air Basin: SC
Facility ID: 7077
Air District Name: SC
SIC Code: 9199
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

CAL ST, GEN SERV DEPT (Continued) **S106827687**

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	7077
Air District Name:	SC
SIC Code:	9199
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

U108 **RITE AID #6383** **LUST S103985101**
NNE **600 W 7TH ST** **HAZNET N/A**
1/4-1/2 **LOS ANGELES, CA 90017**
0.452 mi.
2387 ft. **Site 2 of 2 in cluster U**

Relative:
Higher

Actual:
267 ft.

LUST:

Region:	STATE
Global Id:	T0603716161
Latitude:	34.047597
Longitude:	-118.25719
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/12/1995
Lead Agency:	LOS ANGELES, CITY OF
Case Worker:	EL
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	Not reported
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603716161
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603716161
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200

RITE AID #6383 (Continued) **S103985101**

City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603716161
Status: Completed - Case Closed
Status Date: 06/12/1995

Global Id: T0603716161
Status: Open - Case Begin Date
Status Date: 07/21/1994

Global Id: T0603716161
Status: Open - Site Assessment
Status Date: 06/11/1995

Regulatory Activities:
Global Id: T0603716161
Action Type: Other
Date: 07/21/1994
Action: Leak Discovery

Global Id: T0603716161
Action Type: Other
Date: 08/30/1994
Action: Leak Reported

HAZNET:
envid: S103985101
Year: 2013
GEPAID: CAC002743877
Contact: WADE STRATHMANN
Telephone: 7205783606
Mailing Name: Not reported
Mailing Address: 1855 S FLATIRON CT
Mailing City,St,Zip: BOULDER, CO 803012839
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.5
Facility County: Not reported

envid: S103985101
Year: 2013
GEPAID: CAL000380325
Contact: Stephanie A. Caiati
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN
Mailing City,St,Zip: CAMP HILL, PA 170112400
Gen County: Los Angeles

RITE AID #6383 (Continued) **S103985101**

TSD EPA ID:	INR000110197
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.035
Facility County:	Not reported

envid:	S103985101
Year:	2013
GEPAID:	CAL000380325
Contact:	Stephanie A. Caiati
Telephone:	7177308225
Mailing Name:	Not reported
Mailing Address:	30 HUNTER LN
Mailing City,St,Zip:	CAMP HILL, PA 170112400
Gen County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.004
Facility County:	Not reported

envid:	S103985101
Year:	2013
GEPAID:	CAL000380325
Contact:	Stephanie A. Caiati
Telephone:	7177308225
Mailing Name:	Not reported
Mailing Address:	30 HUNTER LN
Mailing City,St,Zip:	CAMP HILL, PA 170112400
Gen County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Not reported
Tons:	0.008
Facility County:	Not reported

envid:	S103985101
Year:	2013
GEPAID:	CAL000380325
Contact:	Stephanie A. Caiati
Telephone:	7177308225
Mailing Name:	Not reported
Mailing Address:	30 HUNTER LN
Mailing City,St,Zip:	CAMP HILL, PA 170112400
Gen County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Not reported
Tons:	0.0335
Facility County:	Not reported

RITE AID #6383 (Continued) **S103985101**

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

109
NE
1/4-1/2
0.457 mi.
2414 ft.

KIRK-RICH DIALS **CERCLIS** **1007372478**
404 W. 7TH STREET, SUITE 1215 **CAN000906068**
LOS ANGELES, CA 90014

Relative:
Higher

Actual:
262 ft.

CERCLIS:

Site ID:	0906068
EPA ID:	CAN000906068
Facility County:	LOS ANGELES
Short Name:	KIRK-RICH DIALS
Congressional District:	Not reported
IFMS ID:	09LQ
SMSA Number:	Not reported
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	R
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date:	02/26/04
Site Fips Code:	06037
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	9270721.00000
Contact Name:	Robert Wise
Contact Tel:	(562) 499-6312
Contact Title:	On-Scene Coordinator (OSC)
Contact Email:	Not reported
Contact ID:	9270485.00000
Contact Name:	Daniel Suter
Contact Tel:	(415) 972-3050
Contact Title:	On-Scene Coordinator (OSC)
Contact Email:	Not reported
Contact ID:	13003854.00000
Contact Name:	Leslie Ramirez

KIRK-RICH DIALS (Continued) **1007372478**

Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Alias Comments: Not reported
Site Description: Site was referred to ERS by Los Angeles Co. Radiation Management. The site is a potential radium contamination site.

CERCLIS Assessment History:

Action Code: 001
Action: REMOVAL
Date Started: 03/28/05
Date Completed: 04/18/05
Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Time Critical
Action Anomaly: Not reported

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL
Date Started: 03/28/05
Date Completed: 04/18/05
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Emergency
Action Anomaly: Not reported

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110 ENE 1/4-1/2 0.469 mi. 2478 ft.

Relative: Higher

Actual: 258 ft.

UNITED BUILDING ASSOCIATES **ENVIROSTOR** **S110494422**
707 S BROADWAY #411 **N/A**
LOS ANGELES, CA 90014

ENVIROSTOR:
Facility ID: 71003260
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit

UNITED BUILDING ASSOCIATES (Continued) **S110494422**

Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	0
Longitude:	0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAL000059257
Alias Type:	EPA Identification Number
Alias Name:	71003260
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

111
SSW
1/4-1/2
0.479 mi.
2530 ft.

MOBIL #11-H3K **LUST** **S104406279**
1600 HILL ST S **N/A**
LOS ANGELES, CA 90015

Relative:
Lower

Actual:
229 ft.

LUST:

Region:	STATE
Global Id:	T0603700552
Latitude:	34.034365
Longitude:	-118.264466
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/22/1992
Lead Agency:	LOS ANGELES, CITY OF

MOBIL #11-H3K (Continued) **S104406279**

Case Worker:	WR
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900150098
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700552
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528

Global Id:	T0603700552
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603700552
Status:	Completed - Case Closed
Status Date:	06/22/1992

Global Id:	T0603700552
Status:	Open - Case Begin Date
Status Date:	10/08/1987

Global Id:	T0603700552
Status:	Open - Site Assessment
Status Date:	10/15/1987

Regulatory Activities:

Global Id:	T0603700552
Action Type:	Other
Date:	10/08/1987
Action:	Leak Stopped

Global Id:	T0603700552
Action Type:	Other
Date:	10/08/1987
Action:	Leak Discovery

Global Id:	T0603700552
Action Type:	Other
Date:	10/15/1987

MOBIL #11-H3K (Continued) **S104406279**

Action: Leak Reported

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900150098	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		EDET
Global ID:	T0603700552	
W Global ID:	W0605100582	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	16TH	
Enforcement Type:	Not reported	
Date Leak Discovered:	10/8/1987	
Date Leak First Reported:		10/15/1987
Date Leak Record Entered:	11/11/1987	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	10/8/1987	
Date Case Last Changed on Database:		6/22/1992
Date the Case was Closed:		6/22/1992
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	WEBER, WAYNE R.	
Water System:	YMCA CAMP OF LOS ANGELES 2	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6350.767881087524125235813042 5
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		10/15/1987
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:	MOBIL OIL CORP	
RP Address:	3800 W ALAMEDA AVE, #700, BURBANK, CA 91505	
Program:	LUST	
Lat/Long:	34.0346047 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	

MOBIL #11-H3K (Continued) **S104406279**

Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 2600582-001GEN
Summary: Not reported

V112 **M & M HOLDING, LLC** **ENVIROSTOR** **S110494027**
NE **629 S. HILL STREET #1202** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.517 mi.
2728 ft. **Site 1 of 3 in cluster V**

Relative:
Higher

Actual:
265 ft.

ENVIROSTOR:
Facility ID: 71003306
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000213712
Alias Type: EPA Identification Number
Alias Name: 71003306
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 04/30/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

M & M HOLDING, LLC (Continued) **S110494027**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

V113 **LOS ANGELES UNITED INVESTMENT CO.** **ENVIROSTOR** **S110494021**
NE **650 S. HILL STREET #1010** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.520 mi.
2743 ft. **Site 2 of 3 in cluster V**

Relative:
Higher

Actual:
264 ft.

ENVIROSTOR:
Facility ID: 71003114
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982522344
Alias Type: EPA Identification Number
Alias Name: 110009547598
Alias Type: EPA (FRS #)
Alias Name: 71003114
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

LOS ANGELES UNITED INVESTMENT CO. (Continued) **S110494021**

Schedule Revised Date: Not reported

V114 **ATLAS PRECIOUS METALS INC** **HWP** **S107145812**
NE **640 S HILL ST** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.531 mi.
2806 ft. **Site 3 of 3 in cluster V**

Relative: Higher

Actual: 265 ft.

HWP:

EPA Id:	CAL000098454
Cleanup Status:	OPERATING PERMIT
Latitude:	34.04975
Longitude:	-118.2540
Facility Type:	Permitted - Operating
Facility Size:	Standardized Series Small Quantity Series C
Team:	LORI KOCH
Supervisor:	ALFRED WONG
Site Code:	301156
Assembly District:	53
Senate District:	30
Public Information Officer:	Not reported

Activities:

EPA Id:	CAL000098454
Facility Type:	Permitted - Operating
Unit Names:	Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date:	05/23/2006

EPA Id:	CAL000098454
Facility Type:	Permitted - Operating
Unit Names:	Not reported
Event Description:	Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date:	03/18/2011

EPA Id:	CAL000098454
Facility Type:	Permitted - Operating
Unit Names:	Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date:	05/08/2008

EPA Id:	CAL000098454
Facility Type:	Permitted - Operating
Unit Names:	Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description:	New Operating Permit - FINAL PERMIT
Actual Date:	04/13/2006

EPA Id:	CAL000098454
Facility Type:	Permitted - Operating
Unit Names:	Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description:	New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date:	05/22/2016

EPA Id: CAL000098454

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - CEQA DETERMINATION
Actual Date: 04/10/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - ADMINISTRATIVE REVIEW COMPLETE
Actual Date: 02/22/2004

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 01/30/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/22/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date: 12/23/2005

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 05/23/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 12/23/2003

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - DISCLOSURE (CLEARED)
Actual Date: 02/09/2011

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2

ATLAS PRECIOUS METALS INC (Continued) **S107145812**

Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 12/23/2003

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 01/30/2006

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Renewal - No Changes - CALL-IN LETTER ISSUED
Actual Date: 05/28/2015

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Ball Mill #1 and #2, Roasting Kiln #1 and #2, Vibratory Screen #1 and #2
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/22/2016

EPA Id: CAL000098454
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 05/23/2006

Alias:
EPA Id: CAL000098454
Facility Type: Permitted - Operating
Alias Type: Project Code (Site Code)
Alias: 301156

W115 **PARK CENTRAL BUILDING** **RCRA-SQG 1000596822**
NE **412 W 6TH ST** **ENVIROSTOR CAD983608027**
1/2-1 **LOS ANGELES, CA 90014** **FINDS**
0.581 mi.
3068 ft. **Site 1 of 2 in cluster W**

Relative: Higher

Actual: 267 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: PARK CENTRAL BUILDING
Facility address: 412 W 6TH ST
LOS ANGELES, CA 90014
EPA ID: CAD983608027
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator

PARK CENTRAL BUILDING (Continued) **1000596822**

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: WILLIAM BLOOMFIELD
Owner/operator address: 412 W 6TH ST
LOS ANGELES, CA 90014
Owner/operator country: Not reported
Owner/operator telephone: (213) 627-3998
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

Historical Generators:
Date form received by agency: 09/01/1996
Site name: PARK CENTRAL BUILDING
Classification: Small Quantity Generator

Date form received by agency: 03/30/1994
Site name: PARK CENTRAL BUILDING
Classification: Large Quantity Generator

Date form received by agency: 10/18/1991
Site name: PARK CENTRAL BUILDING
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/19/2001

PARK CENTRAL BUILDING (Continued) **1000596822**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 10/01/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 03/08/2000
Date achieved compliance: 10/01/2004
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 10/01/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/09/1994
Date achieved compliance: 03/09/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported

PARK CENTRAL BUILDING (Continued) **1000596822**

Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/01/2004
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/08/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/01/2004
Evaluation lead agency: State

Evaluation date: 03/08/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Formal Enforcement Agreement or Order
Date achieved compliance: 10/01/2004
Evaluation lead agency: State

Evaluation date: 03/08/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/09/1999
Evaluation lead agency: State Contractor/Grantee

ENVIROSTOR:
Facility ID: 71003138
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported

PARK CENTRAL BUILDING (Continued) **1000596822**

Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD983608027
Alias Type: EPA Identification Number
Alias Name: 71003138
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110009535351

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110009548891

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.

W116 **WEST SIXTH & BROADWAY PARTNERSHIP** **ENVIROSTOR** **S106835553**
NE **314 W. SIXTH STREET** **EMI** **N/A**
1/2-1 **LOS ANGELES, CA 90014**
0.588 mi.
3105 ft. **Site 2 of 2 in cluster W**

Relative:
Higher

Actual:
265 ft.

ENVIROSTOR:

Facility ID:	71003112
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.04695
Longitude:	-118.2524
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD982519704
Alias Type:	EPA Identification Number
Alias Name:	71003112
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

EMI:

Year:	1990
County Code:	30
Air Basin:	SC

WEST SIXTH & BROADWAY PARTNERSHIP (Continued) **S106835553**

Facility ID:	57386
Air District Name:	SC
SIC Code:	3369
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

117
NW
1/2-1
0.669 mi.
3530 ft.

BELMONT NEW PRIMARY CENTER NO. 11B **ENVIROSTOR** **S105628546**
927-937 BLAINE STREET **SCH** **N/A**
LOS ANGELES, CA 90015

Relative:
Higher

Actual:
256 ft.

ENVIROSTOR:

Facility ID:	19750090
Status:	Inactive - Needs Evaluation
Status Date:	09/29/2005
Site Code:	304339
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	0.39
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Lead
Confirmed COC:	30013-NO
Potential Description:	NONE SPECIFIED
Alias Name:	BELMONT NEW PRIMARY CENTER NO. 11B (EXP)
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT NEW PRIMARY CENTER # 11 B
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304339
Alias Type:	Project Code (Site Code)
Alias Name:	19750090
Alias Type:	Envirostor ID Number

BELMONT NEW PRIMARY CENTER NO. 11B (Continued) **S105628546**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/18/2002
Comments:	The project was completed in September 2005.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	10/22/2001
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	19750090
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.39
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304339
Assembly:	53
Senate:	30
Special Program Status:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	09/29/2005
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Lead

BELMONT NEW PRIMARY CENTER NO. 11B (Continued) **S105628546**

Confirmed COC: 30013-NO
Potential Description: NONE SPECIFIED
Alias Name: BELMONT NEW PRIMARY CENTER NO. 11B (EXP)
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT NEW PRIMARY CENTER # 11 B
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304339
Alias Type: Project Code (Site Code)
Alias Name: 19750090
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/18/2002
Comments: The project was completed in September 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/22/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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118 West 1/2-1 0.693 mi. 3660 ft.

JEFFRIES BANKNOTE COMPANY
1330 WEST PICO BLVD
LOS ANGELES, CA 90015

ENVIROSTOR **S101480580**
N/A

Relative: Lower

Actual: 240 ft.

ENVIROSTOR:
Facility ID: 19270326
Status: Refer: Other Agency
Status Date: 08/21/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED

JEFFRIES BANKNOTE COMPANY (Continued) **S101480580**

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 53
Senate: 30
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.04237
Longitude: -118.2740
APN: 5135035020
Past Use: NONE SPECIFIED
Potential COC: Lead Chromium VI Nickel
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 5135035020
Alias Type: APN
Alias Name: CAD028528230
Alias Type: EPA Identification Number
Alias Name: 110002640624
Alias Type: EPA (FRS #)
Alias Name: 19270326
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/07/1994
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 01/27/1984
Comments: FACILITY DRIVE-BY ASAP. NO HAZ WASTE PROB OBSERVED. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/26/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

119 NW 1/2-1 0.731 mi. 3862 ft.

BELMONT PRIMARY CENTER NO. 11
950 SOUTH ALBANY STREET
LOS ANGELES, CA 90015

ENVIROSTOR SCH **S105954501 N/A**

Relative: Higher

Actual: 254 ft.

ENVIROSTOR:

Facility ID:	19590009
Status:	Certified
Status Date:	06/02/2003
Site Code:	304271
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	0.4
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.04808
Longitude:	-118.2708
APN:	NONE SPECIFIED
Past Use:	* RETIAL - MISC.
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	BELMONT PRIMARY CENTER #11
Alias Type:	Alternate Name
Alias Name:	BELMONT PRIMARY CENTER NO. 11
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT PRIMARY CENTER #11
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033618137
Alias Type:	EPA (FRS #)
Alias Name:	304271
Alias Type:	Project Code (Site Code)
Alias Name:	19590009
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	05/05/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	03/07/2003
Comments:	Not reported

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 01/24/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 02/13/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/02/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/06/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/21/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19590009
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304271
Assembly: 53
Senate: 24
Special Program Status: Not reported
Status: Certified
Status Date: 06/02/2003
Restricted Use: NO
Funding: School District
Latitude: 34.04808
Longitude: -118.2708
APN: NONE SPECIFIED
Past Use: * RETIAL - MISC.
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: BELMONT PRIMARY CENTER #11
Alias Type: Alternate Name
Alias Name: BELMONT PRIMARY CENTER NO. 11
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT PRIMARY CENTER #11
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033618137
Alias Type: EPA (FRS #)
Alias Name: 304271
Alias Type: Project Code (Site Code)
Alias Name: 19590009
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/05/2003
Comments: Not reported

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/07/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 01/24/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 02/13/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/02/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/06/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/21/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Completed Date:	02/10/2000
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

120
SSE
1/2-1
0.773 mi.
4083 ft.

LAUSD MASTER AGREEMENT **ENVIROSTOR** **S111752578**
1449 SOUTH SAN PEDRO STREET **SCH** **N/A**
LOS ANGELES, CA 90015

Relative:
Lower

Actual:
231 ft.

ENVIROSTOR:

Facility ID:	19820019
Status:	Active
Status Date:	07/01/1998
Site Code:	300774
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Shahir Haddad
Supervisor:	Thomas Cota
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.03085
Longitude:	-118.2553
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	LAUSD
Alias Type:	Alternate Name
Alias Name:	LAUSD MASTER AGREEMENT
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	300774
Alias Type:	Project Code (Site Code)
Alias Name:	19820019
Alias Type:	Envirostor ID Number

Completed Info:

LAUSD MASTER AGREEMENT (Continued) **S111752578**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	School Cleanup Agreement
Completed Date:	06/17/2013
Comments:	Fully executed MSCA sent (FedEx) to District.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	02/16/2012
Comments:	First Collection Letter Inv# I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	04/29/2013
Comments:	Fully executed sent (FedEx) to District.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	03/23/2012
Comments:	2nd Collection Letter for Invoices I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Amendment - Order/Agreement
Completed Date:	11/06/2013
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/18/2015
Comments:	Letter sent by LAUSD requesting compliance status of facilities in the vicinity of district schools.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	02/10/2000
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

LAUSD MASTER AGREEMENT (Continued) **S111752578**

Facility ID:	19820019
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Shahir Haddad
Supervisor:	Thomas Cota
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	300774
Assembly:	53
Senate:	30
Special Program Status:	Voluntary Cleanup Program
Status:	Active
Status Date:	07/01/1998
Restricted Use:	NO
Funding:	School District
Latitude:	34.03085
Longitude:	-118.2553
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	LAUSD
Alias Type:	Alternate Name
Alias Name:	LAUSD MASTER AGREEMENT
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	300774
Alias Type:	Project Code (Site Code)
Alias Name:	19820019
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	School Cleanup Agreement
Completed Date:	06/17/2013
Comments:	Fully executed MSCA sent (FedEx) to District.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	02/16/2012
Comments:	First Collection Letter Inv# I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	04/29/2013
Comments:	Fully executed sent (FedEx) to District.

LAUSD MASTER AGREEMENT (Continued) **S111752578**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	03/23/2012
Comments:	2nd Collection Letter for Invoices I00937, J01444, 04SM2023, 05SM1035 and 05SM1885.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Amendment - Order/Agreement
Completed Date:	11/06/2013
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/18/2015
Comments:	Letter sent by LAUSD requesting compliance status of facilities in the vicinity of district schools.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	02/10/2000
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

121
NNW
1/2-1
0.828 mi.
4372 ft.

GOOD SAMARITAN HOSPITAL ER ENTRANCE **ENVIROSTOR** **S110493875**
1225 WILSHIRE **LUST** **N/A**
LOS ANGELES, CA 90017

Relative:
Higher

Actual:
340 ft.

ENVIROSTOR:

Facility ID:	71003074
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	24

GOOD SAMARITAN HOSPITAL ER ENTRANCE (Continued) **S110493875**

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.05335
Longitude: -118.2655
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982485625
Alias Type: EPA Identification Number
Alias Name: 71003074
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:
Region: STATE
Global Id: T10000004822
Latitude: 34.053355
Longitude: -118.265582
Case Type: LUST Cleanup Site
Status: Open - Eligible for Closure
Status Date: 02/04/2015
Lead Agency: SWRCB
Case Worker: MC
Local Agency: LOS ANGELES, CITY OF
RB Case Number: Not reported
LOC Case Number: TT
File Location: Not reported
Potential Media Affect: Not reported
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T10000004822
Contact Type: Regional Board Caseworker
Contact Name: MATTHEW COHEN
Organization Name: SWRCB

GOOD SAMARITAN HOSPITAL ER ENTRANCE (Continued) **S110493875**

Address: 1001 I Street
City: SACRAMENTO
Email: mcohen@waterboards.ca.gov
Phone Number: 9163415751

Global Id: T10000004822
Contact Type: Local Agency Caseworker
Contact Name: GREG STEVENS
Organization Name: LOS ANGELES, CITY OF
Address: 221 N Figueroa St
City: LOS ANGELES
Email: gregory.stevens@lacity.org
Phone Number: 2134826527

Status History:
Global Id: T10000004822
Status: Open - Case Begin Date
Status Date: 07/26/2005

Global Id: T10000004822
Status: Open - Eligible for Closure
Status Date: 12/12/2013

Global Id: T10000004822
Status: Open - Eligible for Closure
Status Date: 02/04/2015

Global Id: T10000004822
Status: Open - Site Assessment
Status Date: 06/11/2013

Regulatory Activities:
Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 05/07/2013
Action: Notice of Violation - #20136

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 09/17/1996
Action: Closure/No Further Action Letter

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 09/17/1986
Action: Technical Correspondence / Assistance / Other

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 06/06/1986
Action: Notice to Comply

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 09/18/1987
Action: Technical Correspondence / Assistance / Other

GOOD SAMARITAN HOSPITAL ER ENTRANCE (Continued) **S110493875**

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 05/09/1986
Action: Referral to Regional Board

Global Id: T10000004822
Action Type: RESPONSE
Date: 04/05/2005
Action: Soil and Water Investigation Report

Global Id: T10000004822
Action Type: RESPONSE
Date: 08/19/2004
Action: Soil and Water Investigation Report

Global Id: T10000004822
Action Type: RESPONSE
Date: 12/27/2005
Action: Soil and Water Investigation Report

Global Id: T10000004822
Action Type: RESPONSE
Date: 05/06/1986
Action: Site Assessment Report

Global Id: T10000004822
Action Type: RESPONSE
Date: 07/17/2013
Action: Correspondence

Global Id: T10000004822
Action Type: RESPONSE
Date: 05/20/2013
Action: Correspondence

Global Id: T10000004822
Action Type: Other
Date: 08/08/2005
Action: Leak Reported

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 01/28/2015
Action: State Water Board Closure Order

Global Id: T10000004822
Action Type: Other
Date: 07/26/2005
Action: Leak Discovery

122
North
1/2-1
0.847 mi.
4473 ft.

GRATTS NEW PRIMARY CENTER
WEST 6TH STREET/BIXEL STREET
LOS ANGELES, CA 90017

ENVIROSTOR
SCH

S105628645
N/A

Relative:
Higher

Actual:
376 ft.

ENVIROSTOR:

Facility ID:	19880042
Status:	Certified
Status Date:	01/11/2008
Site Code:	304283
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	2.8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05440
Longitude:	-118.2620
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	IA, SOIL, SV
Alias Name:	GRATTS NEW PRIMARY CENTER
Alias Type:	Alternate Name
Alias Name:	LAUSD-GRATTS NEW PC
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033620703
Alias Type:	EPA (FRS #)
Alias Name:	304283
Alias Type:	Project Code (Site Code)
Alias Name:	19880042
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/15/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	01/11/2008
Comments:	The project has been certified by management.
Completed Area Name:	PROJECT WIDE

GRATTS NEW PRIMARY CENTER (Continued) **S105628645**

Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/20/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/12/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/15/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/25/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 01/09/2007
Comments: Tech memo approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 12/15/2006
Comments: Site previously demolished and graded; requires changes to scope of investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/28/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/15/2007
Comments: DTSC approved the Removal Action Workplan as final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork

GRATTS NEW PRIMARY CENTER (Continued) **S105628645**

Completed Date:	07/06/2007
Comments:	fieldwork has been completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Completion Report
Completed Date:	09/26/2007
Comments:	Approval of Removal Action Completion Report
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/30/2008
Comments:	The project is now considered complete.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	05/11/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	19880042
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304283
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	01/11/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.05440
Longitude:	-118.2620
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA

GRATTS NEW PRIMARY CENTER (Continued) **S105628645**

Potential COC: Lead
Confirmed COC: NONE SPECIFIED
Potential Description: IA, SOIL, SV
Alias Name: GRATTS NEW PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: LAUSD-GRATTS NEW PC
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033620703
Alias Type: EPA (FRS #)
Alias Name: 304283
Alias Type: Project Code (Site Code)
Alias Name: 19880042
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/11/2008
Comments: The project has been certified by management.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/20/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/12/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/15/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/25/2004
Comments: Not reported

GRATTS NEW PRIMARY CENTER (Continued) **S105628645**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Workplan
Completed Date:	01/09/2007
Comments:	Tech memo approved.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Workplan
Completed Date:	12/15/2006
Comments:	Site previously demolished and graded; requires changes to scope of investigation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	03/28/2007
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	06/15/2007
Comments:	DTSC approved the Removal Action Workplan as final.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	07/06/2007
Comments:	fieldwork has been completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Completion Report
Completed Date:	09/26/2007
Comments:	Approval of Removal Action Completion Report
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/30/2008
Comments:	The project is now considered complete.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	05/11/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported

GRATTS NEW PRIMARY CENTER (Continued) **S105628645**

Schedule Revised Date: Not reported

123
ESE
1/2-1
0.854 mi.
4508 ft.

ACE PLATING CO., INC.
719 TOWNE AVENUE
LOS ANGELES, CA 90021

ENVIROSTOR **S105632824**
SLIC **N/A**
CHMIRS
LA Co. Site Mitigation

Relative:
Higher

Actual:
250 ft.

ENVIROSTOR:

Facility ID:	71002245
Status:	Inactive - Needs Evaluation
Status Date:	05/09/2012
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.03924
Longitude:	-118.2459
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD008514648
Alias Type:	EPA Identification Number
Alias Name:	71002245
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

ACE PLATING CO., INC. (Continued) **S105632824**

SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	06/06/2013
Global Id:	T10000004814
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0392409
Longitude:	-118.245909
Case Type:	Cleanup Program Site
Case Worker:	JL
Local Agency:	Not reported
RB Case Number:	1290
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Contaminated Surface / Structure, Soil, Soil Vapor
Potential Contaminants of Concern:	Tetrachloroethylene (PCE), Trichloroethylene (TCE), Chromium, Chromium VI
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CHMIRS:

OES Incident Number:	351
OES notification:	Not reported
OES Date:	11/23/1994
OES Time:	06:35:17 AM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	discharger/county health

ACE PLATING CO., INC. (Continued) **S105632824**

Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	la cy fd
Incident Date:	11/23/94 0400
Admin Agency:	Not reported
Amount:	150 gal
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	stripping compound "B -9 nickel iron stripper"
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	heater in tank left on overnight - substance became overheated and meltetank causing small fire. drained into containment area -

LA Co. Site Mitigation:

Facility ID:	Not reported
Site ID:	SD0000375
Jurisdiction:	County
Case ID:	RO0001376
Abated:	No
Assigned To:	Shahin Nourishad
Entered Date:	10/05/2011

124
ESE
1/2-1
0.857 mi.
4527 ft.

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL **ENVIROSTOR** **S109821375**
8TH ST./TOWNE AVE./9TH ST./STANFORD AVE. **SCH** **N/A**
LOS ANGELES, CA 90021

Relative:
Lower

Actual:
245 ft.

ENVIROSTOR:

Facility ID:	60001149
Status:	Certified
Status Date:	06/12/2012
Site Code:	304626
Site Type:	School Cleanup
Site Type Detailed:	School

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Acres: 3.76
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Angela Garcia
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.0361
Longitude: -118.247
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS, FUEL - VEHICLE STORAGE/ REFUELING, MANUFACTURING - CERAMICS, OFFICE BUILDING, RESIDENTIAL AREA, SCHOOL - ELEMENTARY, RESIDENTIAL AREA, RETAIL - SERVICE STATION, SCHOOL - MIDDLE
Potential COC: Arsenic Benzene DDD DDE DDT Lead Methane Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE Benzene Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: 30001-NO Benzene Lead 30015-NO 30006-NO 30007-NO 30008-NO Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Polychlorinated biphenyls (PCBs Trichloroethylene (TCE Benzene Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Polychlorinated biphenyls (PCBs Trichloroethylene (TCE
Potential Description: IA, SOIL, SV, SOIL, SV
Alias Name: 304626
Alias Type: Project Code (Site Code)
Alias Name: 60001149
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 07/16/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/08/2010
Comments: SSI Adequacy letter completed. Comments to be addressed in RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 12/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/25/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/09/2011
Comments: Not reported

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	02/04/2011
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Community Profile
Completed Date:	03/08/2011
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	4.15 Request
Completed Date:	03/14/2011
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	07/12/2011
Comments:	Not reported

Completed Area Name:	Area B
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	11/07/2011
Comments:	DTSC approved Area B Removal action Completion Report with a no further action determination

Completed Area Name:	Area B
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	05/25/2012
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/12/2012
Comments:	Not reported

Completed Area Name:	Area B
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	06/11/2012
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Schedule Revised Date: Not reported

SCH:

Facility ID:	60001149
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	3.76
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Angela Garcia
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304626
Assembly:	53
Senate:	30
Special Program Status:	Voluntary Cleanup Program
Status:	Certified
Status Date:	06/12/2012
Restricted Use:	NO
Funding:	School District
Latitude:	34.0361
Longitude:	-118.247
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS, FUEL - VEHICLE STORAGE/ REFUELING, MANUFACTURING - CERAMICS, OFFICE BUILDING, RESIDENTIAL AREA, SCHOOL - ELEMENTARY, RESIDENTIAL AREA, RETAIL - SERVICE STATION, SCHOOL - MIDDLE
Potential COC:	Arsenic, Benzene, DDD, DDE, DDT, Lead, Methane, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Trichloroethylene (TCE, Benzene, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Trichloroethylene (TCE
Confirmed COC:	30001-NO, Benzene, Lead, 30015-NO, 30006-NO, 30007-NO, 30008-NO, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Polychlorinated biphenyls (PCBs, Trichloroethylene (TCE, , Benzene, Benzene, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Polychlorinated biphenyls (PCBs, Trichloroethylene (TCE
Potential Description:	IA, SOIL, SV, SOIL, SV
Alias Name:	304626
Alias Type:	Project Code (Site Code)
Alias Name:	60001149
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	09/17/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Date: 09/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 07/16/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/08/2010
Comments: SSI Adequacy letter completed. Comments to be addressed in RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 12/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/25/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/09/2011
Comments: Not reported

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/09/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 03/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 03/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/12/2011
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/07/2011
Comments: DTSC approved Area B Removal action Completion Report with a no further action determination

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/12/2012
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported

CENTRAL REGION 9TH STREET K-8 SPAN SCHOOL (Continued) **S109821375**

Completed Document Type:	Certification
Completed Date:	06/11/2012
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

X125 **EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B** **ENVIROSTOR** **S106387259**
NNE **VINELAND AVENUE/CUMPSTON STREET** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 91601**
0.860 mi.
4539 ft. **Site 1 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:

Facility ID:	19000011
Status:	Certified
Status Date:	09/24/2008
Site Code:	304295
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	6.4
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Ivy Osornio
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	18
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.16868
Longitude:	-118.3704
APN:	2350-013-901, 2350-013-902
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL, SV
Alias Name:	EAST VALLEY AREA NEW HIGH SCHOOL #1B
Alias Type:	Alternate Name
Alias Name:	East Valley HS
Alias Type:	Alternate Name
Alias Name:	LAUSD-EAST VALLEY NEW HS #1B
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	2350-013-901
Alias Type:	APN
Alias Name:	2350-013-902

EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B (Continued) **S106387259**

Alias Type: APN
Alias Name: 110033606211
Alias Type: EPA (FRS #)
Alias Name: 304295
Alias Type: Project Code (Site Code)
Alias Name: 19000011
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/21/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 01/10/2007
Comments: DTSC concurred with the sampling plan proposed in the SSI TM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/15/2007
Comments: FA required for lead

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/10/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/13/2007
Comments: Fact sheet approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/11/2008
Comments: DTSC determined that No Further Action is necessary based on the Removal Action Completion Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/28/2008
Comments: DTSC approved the construction response report

EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B (Continued) **S106387259**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/25/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/22/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/18/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/10/2008
Comments: DTSC prepared Cost Recovery Unit close out Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 07/10/2007
Comments: DTSC filed Notice of Exemption Pursuant to California Environmental Quality Act.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/10/2008
Comments: DTSC certified the EVHS 1B project

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19000011
Site Type: School Cleanup

EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B (Continued) **S106387259**

Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	6.4
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Ivy Osornio
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304295
Assembly:	53
Senate:	18
Special Program Status:	Not reported
Status:	Certified
Status Date:	09/24/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.16868
Longitude:	-118.3704
APN:	2350-013-901, 2350-013-902
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL, SV
Alias Name:	EAST VALLEY AREA NEW HIGH SCHOOL #1B
Alias Type:	Alternate Name
Alias Name:	East Valley HS
Alias Type:	Alternate Name
Alias Name:	LAUSD-EAST VALLEY NEW HS #1B
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	2350-013-901
Alias Type:	APN
Alias Name:	2350-013-902
Alias Type:	APN
Alias Name:	110033606211
Alias Type:	EPA (FRS #)
Alias Name:	304295
Alias Type:	Project Code (Site Code)
Alias Name:	19000011
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/29/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	06/21/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B (Continued) **S106387259**

Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 01/10/2007
Comments: DTSC concurred with the sampling plan proposed in the SSI TM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/15/2007
Comments: FA required for lead

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/10/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/13/2007
Comments: Fact sheet approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/11/2008
Comments: DTSC determined that No Further Action is necessary based on the Removal Action Completion Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/28/2008
Comments: DTSC approved the construction response report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/25/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/22/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/18/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo

EAST VALLEY AREA NEW HIGH SCHOOL NO. 1B (Continued) **S106387259**

Completed Date:	03/10/2008
Comments:	DTSC prepared Cost Recovery Unit close out Memorandum
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	07/10/2007
Comments:	DTSC filed Notice of Exemption Pursuant to California Environmental Quality Act.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	03/10/2008
Comments:	DTSC certified the EVHS 1B project
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

X126 **WILSON NEW ELEMENTARY SCHOOL NO. 1** **ENVIROSTOR** **S105628636**
NNE **HUNTINGTON DR/LIFUR AVENUE/OAKLAND STREET** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90032**
0.860 mi.
4539 ft. **Site 2 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:

Facility ID:	19880033
Status:	No Further Action
Status Date:	10/16/2003
Site Code:	304315
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	4.76
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District

WILSON NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628636**

Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Benzene TPH-diesel
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SURFW
Alias Name: LAUSD-WILSON NEW ES # 1
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: WILSON NEW ELEMENTARY SCHOOL #1
Alias Type: Alternate Name
Alias Name: WILSON NEW ELEMENTARY SCHOOL #1 (PROP)
Alias Type: Alternate Name
Alias Name: WILSON NEW ELEMENTARY SCHOOL NO. 1
Alias Type: Alternate Name
Alias Name: 304315
Alias Type: Project Code (Site Code)
Alias Name: 19880033
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/16/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 08/13/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/14/2003
Comments: Not reported

WILSON NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628636**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	19880033
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	4.76
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304315
Assembly:	53
Senate:	30
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	10/16/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Benzene, Benzene, TPH-diesel
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SURFW
Alias Name:	LAUSD-WILSON NEW ES # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	WILSON NEW ELEMENTARY SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	WILSON NEW ELEMENTARY SCHOOL #1 (PROP)
Alias Type:	Alternate Name
Alias Name:	WILSON NEW ELEMENTARY SCHOOL NO. 1
Alias Type:	Alternate Name
Alias Name:	304315
Alias Type:	Project Code (Site Code)
Alias Name:	19880033
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

WILSON NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628636**

Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/16/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 08/13/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/14/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

X127 **WEEMES ELEMENTARY SCHOOL PLAYGROUND** **ENVIROSTOR** **S105628620**
NNE **1201-1203, 1205, 1207, 1215 WEST 37TH STREET** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90007**
0.860 mi.
4539 ft. **Site 3 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:
Facility ID: 19880015
Status: Certified
Status Date: 11/12/2003
Site Code: 304338
Site Type: School Cleanup
Site Type Detailed: School
Acres: .64

WEEMES ELEMENTARY SCHOOL PLAYGROUND (Continued) **S105628620**

NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.02138
Longitude: -118.2963
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Chlordane Dieldrin DDD DDT Lead DDE
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: LAUSD-WEEMES ELEM SCHOOL PLAYGROUND EXP
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: WEEMES ELEMENTARY SCHOOL PLAYGROUND
Alias Type: Alternate Name
Alias Name: 110033614453
Alias Type: EPA (FRS #)
Alias Name: 304338
Alias Type: Project Code (Site Code)
Alias Name: 19880015
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/02/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE

WEEMES ELEMENTARY SCHOOL PLAYGROUND (Continued) **S105628620**

Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/31/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/19/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 02/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/28/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 03/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/01/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

WEEMES ELEMENTARY SCHOOL PLAYGROUND (Continued) **S105628620**

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19880015
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: .64
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304338
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: Certified
Status Date: 11/12/2003
Restricted Use: NO
Funding: School District
Latitude: 34.02138
Longitude: -118.2963
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Chlordane, Chlordane, Dieldrin, DDD, DDT, Lead, DDE
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: LAUSD-WEEMES ELEM SCHOOL PLAYGROUND EXP
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: WEEMES ELEMENTARY SCHOOL PLAYGROUND
Alias Type: Alternate Name
Alias Name: 110033614453
Alias Type: EPA (FRS #)
Alias Name: 304338
Alias Type: Project Code (Site Code)
Alias Name: 19880015
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

WEEMES ELEMENTARY SCHOOL PLAYGROUND (Continued) **S105628620**

Completed Document Type: Phase 1
Completed Date: 10/02/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/31/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/19/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 02/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/28/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/23/2003
Comments: Not reported

WEEMES ELEMENTARY SCHOOL PLAYGROUND (Continued) **S105628620**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Public Participation
Completed Date:	03/11/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	08/01/2003
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

X128 **VINE NEW PRIMARY CENTER** **ENVIROSTOR** **S105628533**
NNE **LA MIRADA AVE/CAHUENGA BLVD/LEXINGTON AVE/COLE AVE** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90038**
0.860 mi.
4539 ft. **Site 4 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:

Facility ID:	19650022
Status:	Inactive - Action Required
Status Date:	03/20/2003
Site Code:	304212
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* UNKNOWN
Potential COC:	Lead Polychlorinated biphenyls (PCBs
Confirmed COC:	Polychlorinated biphenyls (PCBs Lead
Potential Description:	SOIL
Alias Name:	LA USD-VINE NEW PC
Alias Type:	Alternate Name
Alias Name:	LAUSD-VINE NEW PRIMARY CENTER

VINE NEW PRIMARY CENTER (Continued) **S105628533**

Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: VINE NEW PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: 304023
Alias Type: Project Code (Site Code)
Alias Name: 304212
Alias Type: Project Code (Site Code)
Alias Name: 19650022
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/20/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/04/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/06/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19650022
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

VINE NEW PRIMARY CENTER (Continued) **S105628533**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304212
Assembly:	53
Senate:	30
Special Program Status:	Not reported
Status:	Inactive - Action Required
Status Date:	03/20/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* UNKNOWN
Potential COC:	Lead, Polychlorinated biphenyls (PCBs
Confirmed COC:	Polychlorinated biphenyls (PCBs, Lead
Potential Description:	SOIL
Alias Name:	LA USD-VINE NEW PC
Alias Type:	Alternate Name
Alias Name:	LAUSD-VINE NEW PRIMARY CENTER
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	VINE NEW PRIMARY CENTER
Alias Type:	Alternate Name
Alias Name:	304023
Alias Type:	Project Code (Site Code)
Alias Name:	304212
Alias Type:	Project Code (Site Code)
Alias Name:	19650022
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/20/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/04/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	10/06/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported

VINE NEW PRIMARY CENTER (Continued) **S105628533**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

X129 **CAHUENGA NEW ELEMENTARY SCHOOL NO. 1** **ENVIROSTOR** **S105628542**
NNE **WESTERN AVENUE/OXFORD AVENUE** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90004**
0.860 mi.
4539 ft. **Site 5 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:

Facility ID:	19730195
Status:	No Further Action
Status Date:	02/26/2004
Site Code:	304276
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	2.64
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* BUSINESS SERVICES
Potential COC:	Chloromethane (methyl chloride Carbon disulfide Benzene 1,2,4-Trimethylbenzene Toluene Acetone Molybdenum Tetrachloroethylene (PCE 1,3,5-Trimethylbenzene 1,4-Dichlorobenzene Xylenes 1,2-Dibromo-3-chloropropane (DBCP Methylene chloride Dichlorodifluoromethane Chloroform Ethylbenzene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV, SURFW
Alias Name:	CAHUENGA NEW ELEMENTARY SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	CAHUENGA NEW ELEMENTARY SCHOOL NO. 1
Alias Type:	Alternate Name
Alias Name:	LAUSD-CAHUENGA ES # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304276
Alias Type:	Project Code (Site Code)
Alias Name:	19730195

CAHUENGA NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628542**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/20/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/19/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/05/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/14/2001
Comments: PEA Workplan implemented without DTSC approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19730195
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.64
National Priorities List: NO

CAHUENGA NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628542**

Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304276
Assembly:	53
Senate:	30
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	02/26/2004
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* BUSINESS SERVICES
Potential COC:	Chloromethane (methyl chloride, Chloromethane (methyl chloride, Carbon disulfide, Benzene, 1,2,4-Trimethylbenzene, Toluene, Acetone, Molybdenum, Tetrachloroethylene (PCE, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, Xylenes, 1,2-Dibromo-3-chloropropane (DBCP, Methylene chloride, Dichlorodifluoromethane, Chloroform, Ethylbenzene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV, SURFW
Alias Name:	CAHUENGA NEW ELEMENTARY SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	CAHUENGA NEW ELEMENTARY SCHOOL NO. 1
Alias Type:	Alternate Name
Alias Name:	LAUSD-CAHUENGA ES # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304276
Alias Type:	Project Code (Site Code)
Alias Name:	19730195
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/20/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/19/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	12/05/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

CAHUENGA NEW ELEMENTARY SCHOOL NO. 1 (Continued) **S105628542**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/14/2001
Comments: PEA Workplan implemented without DTSC approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

X130 **EAST VALLEY MIDDLE SCHOOL NO. 1** **ENVIROSTOR** **S107736257**
NNE **LAUREL CANYON BOULEVARD/HAMLIN STREET** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 91606**
0.860 mi.
4539 ft. **Site 6 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:
Facility ID: 19750089
Status: Certified
Status Date: 01/26/2004
Site Code: 304332
Site Type: School Cleanup
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 18
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.18849
Longitude: -118.3964
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: Chrysene Dibenz[ah]anthracene * phenanthrene Anthracene

EAST VALLEY MIDDLE SCHOOL NO. 1 (Continued) **S107736257**

Benzo[k]fluoranthene Fluoranthene Indeno[1,2,3-cd]pyrene * benzo (ghi) perylene Benzo[b]fluoranthene Benzo[a]pyrene Pyrene Benz[a]anthracene
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: EAST VALLEY MIDDLE SCHOOL #1
Alias Type: Alternate Name
Alias Name: EAST VALLEY MIDDLE SCHOOL #1 (PROPOSED)
Alias Type: Alternate Name
Alias Name: LAUSD-E VALLEY MS # 1
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033606220
Alias Type: EPA (FRS #)
Alias Name: 304332
Alias Type: Project Code (Site Code)
Alias Name: 19750089
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/10/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/19/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE

EAST VALLEY MIDDLE SCHOOL NO. 1 (Continued) **S107736257**

Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 10/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/18/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/26/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19750089
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported

EAST VALLEY MIDDLE SCHOOL NO. 1 (Continued) **S107736257**

Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304332
Assembly:	53
Senate:	18
Special Program Status:	Not reported
Status:	Certified
Status Date:	01/26/2004
Restricted Use:	NO
Funding:	School District
Latitude:	34.18849
Longitude:	-118.3964
APN:	NONE SPECIFIED
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Chrysene, Chrysene, Dibenz[ah]anthracene, * phenanthrene, Anthracene, Benzo[k]fluoranthene, Fluoranthene, Indeno[1,2,3-cd]pyrene, * benzo (ghi) perylene, Benzo[b]fluoranthene, Benzo[a]pyrene, Pyrene, Benz[a]anthracene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	EAST VALLEY MIDDLE SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	EAST VALLEY MIDDLE SCHOOL #1 (PROPOSED)
Alias Type:	Alternate Name
Alias Name:	LAUSD-E VALLEY MS # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033606220
Alias Type:	EPA (FRS #)
Alias Name:	304332
Alias Type:	Project Code (Site Code)
Alias Name:	19750089
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/10/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	01/15/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	03/12/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	05/31/2002

EAST VALLEY MIDDLE SCHOOL NO. 1 (Continued) **S107736257**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/19/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 10/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/18/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/26/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

EAST VALLEY MIDDLE SCHOOL NO. 1 (Continued) **S107736257**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

X131 **BELMONT NEW PRIMARY CENTER NO. 12** **ENVIROSTOR** **S107735904**
NNE **LAKE STREET/ROSELAKE AVENUE** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90026**
0.860 mi.
4539 ft. **Site 7 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:
Facility ID: 19880022
Status: No Further Action
Status Date: 10/10/2003
Site Code: 304310
Site Type: School Investigation
Site Type Detailed: School
Acres: 2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Asbestos Containing Materials (ACM Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: BELMONT NEW PRIMARY CENTER #12
Alias Type: Alternate Name
Alias Name: BELOMOT NEW PRIMARY CENTER #12
Alias Type: Alternate Name
Alias Name: BELOMOT NEW PRIMARY CENTER NO. 12
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT PC # 12
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304310
Alias Type: Project Code (Site Code)
Alias Name: 19880022
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/11/2001
Comments: Not reported

BELMONT NEW PRIMARY CENTER NO. 12 (Continued) **S107735904**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/10/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.14 Request
Completed Date: 08/05/2003
Comments: 4.14 request received post PEA and pre-SSI.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19880022
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304310
Assembly: 53
Senate: 30

BELMONT NEW PRIMARY CENTER NO. 12 (Continued) **S107735904**

Special Program Status:	Not reported
Status:	No Further Action
Status Date:	10/10/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Asbestos Containing Materials (ACM, Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	BELMONT NEW PRIMARY CENTER #12
Alias Type:	Alternate Name
Alias Name:	BELOMOT NEW PRIMARY CENTER #12
Alias Type:	Alternate Name
Alias Name:	BELOMOT NEW PRIMARY CENTER NO. 12
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT PC # 12
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304310
Alias Type:	Project Code (Site Code)
Alias Name:	19880022
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	12/11/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	07/10/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/10/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	09/30/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	4.14 Request
Completed Date:	08/05/2003
Comments:	4.14 request received post PEA and pre-SSI.

BELMONT NEW PRIMARY CENTER NO. 12 (Continued) **S107735904**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

X132 **EAST LOS ANGELES HIGH SCHOOL NO. 1** **ENVIROSTOR** **S107736248**
NNE **BELVEDERE PARK/CESAR CHAVEZ AVE/MEDNIK AVE/1ST ST** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90022**
0.860 mi.
4539 ft. **Site 8 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:

Facility ID:	19820069
Status:	Inactive - Needs Evaluation
Status Date:	03/17/2003
Site Code:	304320
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	16.35
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.04039
Longitude:	-118.1606
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Pyrene * phenanthrene * benzo (ghi) perylene Lead DDE Anthracene Copper and compounds Thallium and compounds Benzene Mercury (elemental Toluene Xylenes Dichlorodifluoromethane Ethylbenzene Zinc Molybdenum Beryllium and compounds Dieldrin Chlordane Fluoranthene
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	EAST LOS ANGELES HIGH SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	LAUSD-EAST LA HS # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name

EAST LOS ANGELES HIGH SCHOOL NO. 1 (Continued) **S107736248**

Alias Name: 110033618681
Alias Type: EPA (FRS #)
Alias Name: 304320
Alias Type: Project Code (Site Code)
Alias Name: 19820069
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/21/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/17/2003
Comments: LAUSD has indicated that there will be no more investigation at this time, while they look for another site location.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19820069
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 16.35
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304320
Assembly: 53
Senate: 24
Special Program Status: Not reported
Status: Inactive - Needs Evaluation
Status Date: 03/17/2003

EAST LOS ANGELES HIGH SCHOOL NO. 1 (Continued) **S107736248**

Restricted Use:	NO
Funding:	School District
Latitude:	34.04039
Longitude:	-118.1606
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Pyrene, Pyrene, * phenanthrene, * benzo (ghi) perylene, Lead, DDE, Anthracene, Copper and compounds, Thallium and compounds, Benzene, Mercury (elemental, Toluene, Xylenes, Dichlorodifluoromethane, Ethylbenzene, Zinc, Molybdenum, Beryllium and compounds, Dieldrin, Chlordane, Fluoranthene
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	EAST LOS ANGELES HIGH SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	LAUSD-EAST LA HS # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033618681
Alias Type:	EPA (FRS #)
Alias Name:	304320
Alias Type:	Project Code (Site Code)
Alias Name:	19820069
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	02/21/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/17/2003
Comments:	LAUSD has indicated that there will be no more investigation at this time, while they look for another site location.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

X133 **CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4** **ENVIROSTOR** **S105628499**
NNE **BROADWAY/GRAND AVE/35TH & 37TH STREET** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90007**
0.860 mi.
4539 ft. **Site 9 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:

Facility ID:	19390058
Status:	Certified
Status Date:	07/27/2006
Site Code:	304312
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.01783
Longitude:	-118.2759
APN:	5122-029-003, 5122-029-004, 5122-029-011, 5122-033-001, 5122-033-009, 5122-033-015, 5122-033-017, 5122-034-011, 5122-034-012, 5122-034-013, 5122-034-014, 5122-034-015, 5122-034-016, 5122-034-017, 5122-034-018
Past Use:	MANUFACTURING - OTHER, NONE
Potential COC:	Lead Arsenic Lead
Confirmed COC:	Arsenic Lead
Potential Description:	SOIL, SOIL
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4
Alias Type:	Alternate Name
Alias Name:	LAUSD-CENTRAL LA MS # 4
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5122-029-003
Alias Type:	APN
Alias Name:	5122-029-004
Alias Type:	APN
Alias Name:	5122-029-011
Alias Type:	APN
Alias Name:	5122-033-001
Alias Type:	APN
Alias Name:	5122-033-009
Alias Type:	APN
Alias Name:	5122-033-015
Alias Type:	APN
Alias Name:	5122-033-017
Alias Type:	APN
Alias Name:	5122-034-011
Alias Type:	APN
Alias Name:	5122-034-012
Alias Type:	APN

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Alias Name: 5122-034-013
Alias Type: APN
Alias Name: 5122-034-014
Alias Type: APN
Alias Name: 5122-034-015
Alias Type: APN
Alias Name: 5122-034-016
Alias Type: APN
Alias Name: 5122-034-017
Alias Type: APN
Alias Name: 5122-034-018
Alias Type: APN
Alias Name: 110033619378
Alias Type: EPA (FRS #)
Alias Name: 304312
Alias Type: Project Code (Site Code)
Alias Name: 19390058
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/16/2007
Comments: CRU Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/27/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/05/2006
Comments: No written or verbal comments received during 30-day public comment period. DTSC approves RAW for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/10/2006
Comments: FSI Report approved for further action, for arsenic and lead.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/05/2006
Comments: DTSC approves the RACR. 377.5 tons of arsenic and lead contaminated soil was excavated and transported offsite for disposal at Clean Harbors Environmental Services, Inc. in Buttonwillow, CA.

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Confirmation samples show all contamination has been removed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/22/2001
Comments: RP provided report for background information (see RP - Final).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/05/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/12/2006
Comments: Implementation of RAW began on 6/8/2006 and completed on 6/12/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/16/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/11/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site. Further Action for Lead and Asbestos only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/30/2002
Comments: DTSC approved the Supplemental Site Investigation and determined that remediation is required at the proposed school site. Lead and Asbestos only for older structures that may contain lead based paint.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/02/2003
Comments: Addendum for LBP. Approved SSI for NFA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/08/2006
Comments: DTSC provided comments to FSI TM on 1/27/2006. Revised FSI TM received on 2/2/2006. DTSC conditionally approved FSI TM.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	11/03/2005
Comments:	Areas A & B sampled for potential fill material. No Further Action determination for Areas A & B only.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	03/17/2006
Comments:	DTSC concurs with Supplemental Site Investigation that further action is required for lead and arsenic.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Central Los Angeles Middle School #4 site.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	19390058
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304312
Assembly:	53
Senate:	30
Special Program Status:	Not reported
Status:	Certified
Status Date:	07/27/2006
Restricted Use:	NO
Funding:	School District
Latitude:	34.01783
Longitude:	-118.2759
APN:	5122-029-003, 5122-029-004, 5122-029-011, 5122-033-001, 5122-033-009,

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

5122-033-015, 5122-033-017, 5122-034-011, 5122-034-012, 5122-034-013, 5122-034-014, 5122-034-015, 5122-034-016, 5122-034-017, 5122-034-018

Past Use: MANUFACTURING - OTHER, NONE
Potential COC: Lead, Lead, Arsenic, Lead
Confirmed COC: Arsenic, Lead
Potential Description: SOIL, SOIL
Alias Name: CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4
Alias Type: Alternate Name
Alias Name: LAUSD-CENTRAL LA MS # 4
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5122-029-003
Alias Type: APN
Alias Name: 5122-029-004
Alias Type: APN
Alias Name: 5122-029-011
Alias Type: APN
Alias Name: 5122-033-001
Alias Type: APN
Alias Name: 5122-033-009
Alias Type: APN
Alias Name: 5122-033-015
Alias Type: APN
Alias Name: 5122-033-017
Alias Type: APN
Alias Name: 5122-034-011
Alias Type: APN
Alias Name: 5122-034-012
Alias Type: APN
Alias Name: 5122-034-013
Alias Type: APN
Alias Name: 5122-034-014
Alias Type: APN
Alias Name: 5122-034-015
Alias Type: APN
Alias Name: 5122-034-016
Alias Type: APN
Alias Name: 5122-034-017
Alias Type: APN
Alias Name: 5122-034-018
Alias Type: APN
Alias Name: 110033619378
Alias Type: EPA (FRS #)
Alias Name: 304312
Alias Type: Project Code (Site Code)
Alias Name: 19390058
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/16/2007
Comments: CRU Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/27/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/05/2006
Comments: No written or verbal comments received during 30-day public comment period. DTSC approves RAW for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/10/2006
Comments: FSI Report approved for further action, for arsenic and lead.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/05/2006
Comments: DTSC approves the RACR. 377.5 tons of arsenic and lead contaminated soil was excavated and transported offsite for disposal at Clean Harbors Environmental Services, Inc. in Buttonwillow, CA. Confirmation samples show all contamination has been removed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/22/2001
Comments: RP provided report for background information (see RP - Final).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/05/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/12/2006
Comments: Implementation of RAW began on 6/8/2006 and completed on 6/12/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/16/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/11/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site. Further Action for Lead and Asbestos only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/30/2002
Comments: DTSC approved the Supplemental Site Investigation and determined that remediation is required at the proposed school site. Lead and Asbestos only for older structures that may contain lead based paint.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/02/2003
Comments: Addendum for LBP. Approved SSI for NFA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/08/2006
Comments: DTSC provided comments to FSI TM on 1/27/2006. Revised FSI TM received on 2/2/2006. DTSC conditionally approved FSI TM.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/03/2005
Comments: Areas A & B sampled for potential fill material. No Further Action determination for Areas A & B only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/17/2006
Comments: DTSC concurs with Supplemental Site Investigation that further action is required for lead and arsenic.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Central Los Angeles Middle School #4 site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 4 (Continued) **S105628499**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

X134 **JEFFERSON NEW ELEMENTARY SCHOOL NO. 7** **ENVIROSTOR** **S107736506**
NNE **WADWORTH AVENUE/52ND PLACE** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90011**
0.860 mi.
4539 ft. **Site 10 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:
Facility ID: 19880016
Status: Certified
Status Date: 12/13/2003
Site Code: 304288
Site Type: School Cleanup
Site Type Detailed: School
Acres: 2.85
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.99489
Longitude: -118.2589
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: JEFFERSON NEW ELEMENTARY SCHOOL NO. 7
Alias Type: Alternate Name
Alias Name: LAUSD-JEFFERSON NEW ES # 7
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033606685
Alias Type: EPA (FRS #)
Alias Name: 304288
Alias Type: Project Code (Site Code)
Alias Name: 19880016
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/15/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site.

JEFFERSON NEW ELEMENTARY SCHOOL NO. 7 (Continued) **S107736506**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/14/2003
Comments: RAW approved, no public comment period due to small volume and low interest.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/09/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 10/08/2003
Comments: CEQA approved for the Removal Action. Notice of Exemption filed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Jefferson New Elementary School No. 27 site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/09/2003
Comments: DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/17/2003
Comments: DTSC approved the Supplemental Site Investigation (SSI) and determined neither an actual or a potential release of hazardous material, nor the presence of naturally occurring hazardous material

JEFFERSON NEW ELEMENTARY SCHOOL NO. 7 (Continued) **S107736506**

indicated at the site pose a threat to human health or the environment under any land use. Therefore, DTSC concurred that no further environmental investigation or cleanup was required at this site, and approved the SSI. Cert site, Cert RA-RAC apprvd.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/15/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19880016
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.85
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304288
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: Certified
Status Date: 12/13/2003
Restricted Use: NO
Funding: School District
Latitude: 33.99489
Longitude: -118.2589
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: JEFFERSON NEW ELEMENTARY SCHOOL NO. 7
Alias Type: Alternate Name
Alias Name: LAUSD-JEFFERSON NEW ES # 7
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033606685

JEFFERSON NEW ELEMENTARY SCHOOL NO. 7 (Continued) **S107736506**

Alias Type: EPA (FRS #)
Alias Name: 304288
Alias Type: Project Code (Site Code)
Alias Name: 19880016
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/15/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/14/2003
Comments: RAW approved, no public comment period due to small volume and low interest.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/09/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 10/08/2003
Comments: CEQA approved for the Removal Action. Notice of Exemption filed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Jefferson New Elementary School No. 27 site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/09/2003
Comments: DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site.

JEFFERSON NEW ELEMENTARY SCHOOL NO. 7 (Continued) **S107736506**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/17/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	12/17/2003
Comments:	DTSC approved the Supplemental Site Investigation (SSI) and determined neither an actual or a potential release of hazardous material, nor the presence of naturally occurring hazardous material indicated at the site pose a threat to human health or the environment under any land use. Therefore, DTSC concurred that no further environmental investigation or cleanup was required at this site, and approved the SSI. Cert site, Cert RA-RAC apprvd.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	10/15/2003
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

X135 **MARSHALL NEW PRIMARY CENTER NO. 1** **ENVIROSTOR** **S112057176**
NNE **LEXINGTON AVE/WESTMORELAND AVE/LYMAN PLACE** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90029**
0.860 mi.
4539 ft. **Site 11 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:

Facility ID:	19650016
Status:	No Further Action
Status Date:	11/25/2002
Site Code:	304294
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	2.05
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO

MARSHALL NEW PRIMARY CENTER NO. 1 (Continued) **S112057176**

Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: LAUSD-MARSHAL NEW PC#1
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: MARSHALL NEW PRIMARY CENTER #1
Alias Type: Alternate Name
Alias Name: 304294
Alias Type: Project Code (Site Code)
Alias Name: 19650016
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/18/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/25/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/18/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

MARSHALL NEW PRIMARY CENTER NO. 1 (Continued) **S112057176**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19650016
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.05
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304294
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: No Further Action
Status Date: 11/25/2002
Restricted Use: NO
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: LAUSD-MARSHAL NEW PC#1
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: MARSHALL NEW PRIMARY CENTER #1
Alias Type: Alternate Name
Alias Name: 304294
Alias Type: Project Code (Site Code)
Alias Name: 19650016
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE

MARSHALL NEW PRIMARY CENTER NO. 1 (Continued) **S112057176**

Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/18/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/25/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/18/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

X136 **FREMONT NEW PRIMARY CENTER NO. 2** **ENVIROSTOR** **S105628627**
NNE **MENLO AVENUE/BARING CROSS STREET** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90044**
0.860 mi.
4539 ft. **Site 12 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:
Facility ID: 19880023
Status: No Further Action
Status Date: 10/10/2003
Site Code: 304298
Site Type: School Investigation
Site Type Detailed: School
Acres: 2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Chromium VI Nickel

FREMONT NEW PRIMARY CENTER NO. 2 (Continued) **S105628627**

Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: FREMONT NEW PRIMARY CENTER #2
Alias Type: Alternate Name
Alias Name: FREMONT NEW PRIMARY CENTER #2 (PROP)
Alias Type: Alternate Name
Alias Name: FREMONT NEW PRIMARY CENTER NO. 2
Alias Type: Alternate Name
Alias Name: LAUSD-FREMONT NEW PC # 2
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304298
Alias Type: Project Code (Site Code)
Alias Name: 19880023
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 01/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/18/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/11/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

FREMONT NEW PRIMARY CENTER NO. 2 (Continued) **S105628627**

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19880023
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304298
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: No Further Action
Status Date: 10/10/2003
Restricted Use: NO
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Chromium VI, Chromium VI, Nickel
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: FREMONT NEW PRIMARY CENTER #2
Alias Type: Alternate Name
Alias Name: FREMONT NEW PRIMARY CENTER #2 (PROP)
Alias Type: Alternate Name
Alias Name: FREMONT NEW PRIMARY CENTER NO. 2
Alias Type: Alternate Name
Alias Name: LAUSD-FREMONT NEW PC # 2
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304298
Alias Type: Project Code (Site Code)
Alias Name: 19880023
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

FREMONT NEW PRIMARY CENTER NO. 2 (Continued) **S105628627**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 01/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/18/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/11/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

X137 **SANTA MONICA NEW PRIMARY CENTER** **ENVIROSTOR** **S105628638**
NNE **SANTA MONICA BLVD/GORDON ST/LEXINGTON AVE** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90038**
0.860 mi.
4539 ft. **Site 13 of 13 in cluster X**

Relative:
Higher

Actual:
400 ft.

ENVIROSTOR:
Facility ID: 19880035
Status: No Further Action
Status Date: 04/15/2004
Site Code: 304317
Site Type: School Investigation
Site Type Detailed: School
Acres: 1.83
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported

SANTA MONICA NEW PRIMARY CENTER (Continued) **S105628638**

Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead Formaldehyde
Confirmed COC: 30295-NO 30013-NO
Potential Description: SOIL
Alias Name: LAUSD-SANTA MONICA NEW PC
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: SANTA MONICA NEW PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: 304317
Alias Type: Project Code (Site Code)
Alias Name: 19880035
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/16/2012
Comments: First Collection Letter 03SM1854

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/23/2012
Comments: 2nd Collection Letter sent for Inv. 03SM1854.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE

SANTA MONICA NEW PRIMARY CENTER (Continued) **S105628638**

Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/13/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 19880035
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.83
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304317
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: No Further Action
Status Date: 04/15/2004
Restricted Use: NO
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead, Formaldehyde
Confirmed COC: 30295-NO, 30013-NO
Potential Description: SOIL
Alias Name: LAUSD-SANTA MONICA NEW PC
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: SANTA MONICA NEW PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: 304317

SANTA MONICA NEW PRIMARY CENTER (Continued) **S105628638**

Alias Type: Project Code (Site Code)
Alias Name: 19880035
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/16/2012
Comments: First Collection Letter 03SM1854

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/23/2012
Comments: 2nd Collection Letter sent for Inv. 03SM1854.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/13/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

138
SSE
1/2-1
0.929 mi.
4904 ft.

Relative:
Lower

Actual:
232 ft.

ROYAL PLATING CO
787 E 15TH ST
LOS ANGELES, CA 90021

Database(s): RCRA-SQG, ENVIROSTOR, UST, VCP, SWEEPS UST, HIST UST, CA FID UST, DEED, FINDS, EMI, HAZNET

EDR ID Number: 1000148255
EPA ID Number: CAD008252173

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	ROYAL PLATING CO
Facility address:	787 E 15TH ST LOS ANGELES, CA 90021
EPA ID:	CAD008252173
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
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:	GOLNICK STANLEY
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

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
Legal status:	Private
Owner/Operator Type:	Operator
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

ROYAL PLATING CO (Continued) **1000148255**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/18/1980
Site name: ROYAL PLATING CO
Classification: Large Quantity Generator

Violation Status: No violations found

ENVIROSTOR:
Facility ID: 19340770
Status: Certified O&M - Land Use Restrictions Only
Status Date: 08/23/2013
Site Code: 300638
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.63
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Poonam Acharya
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Voluntary Cleanup Program
Restricted Use: YES
Site Mgmt Req: DAY, HOS, LUC, NDEV, NSUB, SCH, RES
Funding: Responsible Party
Latitude: 34.02945
Longitude: -118.2526
APN: 5132-026-038, 5132026038
Past Use: METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC: Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Tetrachloroethylene (PCE Cadmium and compounds Cyanide (free Ethylbenzene Nickel Toluene 1,2,4-Trimethylbenzene Xylenes
Confirmed COC: Toluene 1,2,4-Trimethylbenzene Tetrachloroethylene (PCE Cadmium and compounds Cyanide (free Ethylbenzene Nickel Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Xylenes
Potential Description: SOIL
Alias Name: ALAN BAILEY
Alias Type: Alternate Name
Alias Name: ASSOCIATED PLATING
Alias Type: Alternate Name
Alias Name: EVERGREEN INVESTMENTS
Alias Type: Alternate Name
Alias Name: ROYAL PLATING

ROYAL PLATING CO (Continued) **1000148255**

Alias Type: Alternate Name
Alias Name: 5132-026-038
Alias Type: APN
Alias Name: 5132026038
Alias Type: APN
Alias Name: 110033607103
Alias Type: EPA (FRS #)
Alias Name: 300638
Alias Type: Project Code (Site Code)
Alias Name: 19340770
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/03/2012
Comments: Inspection completed for the 2011/2012 fiscal year. No violation of LUC was observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/18/2012
Comments: Inspection Checklist sent to DTSC by owner. No violations of the LUR exist. Follow up inspection to be completed next fiscal year (2013-2014) along with 5 year Review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/07/2008
Comments: Annual Deed Restriction Inspection completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/23/2011
Comments: LUC inspection for FY 2010-2011 completed and site is in compliance with LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/03/1997
Comments: On November 3, 1997, DTSC approved a Preliminary Endangerment Assessment Equivalent. DTSC determined that "No Further Action" is necessary with respect to hazardous substances in the soil. However, a deed restriction limiting site use to commercial/ industrial was required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/12/2009
Comments: LUC inspection completed.

Completed Area Name: PROJECT WIDE

ROYAL PLATING CO (Continued) **1000148255**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/20/2001
Comments: Deed Restriction entered.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/02/1997
Comments: DTSC and Alan Bailey, the property owner executed a Voluntary Cleanup Agreement for a Preliminary Endangerment Assessment for the site property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/18/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

UST:
Facility ID: 24452
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.030808
Longitude: -118.251317

VCP:
Facility ID: 19340770
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: DAY, HOS, LUC, NDEV, NSUB, SCH, RES
Acres: 0.63
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Poonam Acharya
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 300638
Assembly: 53
Senate: 30
Special Programs Code: Voluntary Cleanup Program
Status: Certified O&M - Land Use Restrictions Only
Status Date: 08/23/2013
Restricted Use: YES
Funding: Responsible Party

ROYAL PLATING CO (Continued) **1000148255**

Lat/Long:	34.02945 / -118.2526
APN:	5132-026-038, 5132026038
Past Use:	METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC:	30003, 30005, 30013, 30022, 30108, 30160, 30272, 30407, 30550, 30577, 30593
Confirmed COC:	30550,30577,30022,30108,30160,30272,30407,30003,30005,30013,30593
Potential Description:	SOIL
Alias Name:	ALAN BAILEY
Alias Type:	Alternate Name
Alias Name:	ASSOCIATED PLATING
Alias Type:	Alternate Name
Alias Name:	EVERGREEN INVESTMENTS
Alias Type:	Alternate Name
Alias Name:	ROYAL PLATING
Alias Type:	Alternate Name
Alias Name:	5132-026-038
Alias Type:	APN
Alias Name:	5132026038
Alias Type:	APN
Alias Name:	110033607103
Alias Type:	EPA (FRS #)
Alias Name:	300638
Alias Type:	Project Code (Site Code)
Alias Name:	19340770
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	07/03/2012
Comments:	Inspection completed for the 2011/2012 fiscal year. No violation of LUC was observed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	10/18/2012
Comments:	Inspection Checklist sent to DTSC by owner. No violations of the LUR exist. Follow up inspection to be completed next fiscal year (2013-2014) along with 5 year Review.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	10/07/2008
Comments:	Annual Deed Restriction Inspection completed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	05/23/2011
Comments:	LUC inspection for FY 2010-2011 completed and site is in compliance with LUC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report

ROYAL PLATING CO (Continued) **1000148255**

Completed Date:	11/03/1997
Comments:	On November 3, 1997, DTSC approved a Preliminary Endangerment Assessment Equivalent. DTSC determined that "No Further Action" is necessary with respect to hazardous substances in the soil. However, a deed restriction limiting site use to commercial/ industrial was required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	10/12/2009
Comments:	LUC inspection completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	03/20/2001
Comments:	Deed Restriction entered.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	01/02/1997
Comments:	DTSC and Alan Bailey, the property owner executed a Voluntary Cleanup Agreement for a Preliminary Endangerment Assessment for the site property.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	07/18/2006
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SWEEPS UST:

Status:	Active
Comp Number:	2183
Number:	2
Board Of Equalization:	44-012166
Referral Date:	05-04-93
Action Date:	05-04-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002183-000001
Tank Status:	A
Capacity:	1500
Active Date:	04-20-88
Tank Use:	CHEMICAL

ROYAL PLATING CO (Continued) **1000148255**

STG: P
Content: UNKNOWN
Number Of Tanks: 2

Status: Active
Comp Number: 2183
Number: 2
Board Of Equalization: 44-012166
Referral Date: 05-04-93
Action Date: 05-04-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002183-000002
Tank Status: A
Capacity: Not reported
Active Date: 04-20-88
Tank Use: CHEMICAL
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

HIST UST:
Region: STATE
Facility ID: 00000041151
Facility Type: Other
Other Type: PLATING WORKS
Contact Name: TIEMAN MICHAEL
Telephone: 0000000000
Owner Name: ROYAL PLATING WORKS
Owner Address: 787 E. 15TH ST.
Owner City,St,Zip: LOS ANGELES, CA 90021
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1981
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Not reported

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

CA FID UST:
Facility ID: 19028175
Regulated By: UTNKA
Regulated ID: 00041151
Cortese Code: Not reported

ROYAL PLATING CO (Continued) **1000148255**

SIC Code: Not reported
Facility Phone: 2137495006
Mail To: Not reported
Mailing Address: 787 E 15TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900210000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

DEED:
Envirostor ID: 19340770
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 03/20/2001

FINDS:

Registry ID: 110002630840

Environmental Interest/Information System

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor 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.

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.

EMI:
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 16475
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

ROYAL PLATING CO (Continued) **1000148255**

Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	16475
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

HAZNET:

envid:	1000148255
Year:	1996
GEPAID:	CAD008252173
Contact:	GOLNICK STANLEY
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	787 E 15TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900210000
Gen County:	Not reported
TSD EPA ID:	CAD089446710
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Not reported
Tons:	.2293
Facility County:	Los Angeles

envid:	1000148255
Year:	1996
GEPAID:	CAD008252173
Contact:	GOLNICK STANLEY
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	787 E 15TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900210000
Gen County:	Not reported
TSD EPA ID:	CAD089446710
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Not reported
Tons:	.2500

ROYAL PLATING CO (Continued) **1000148255**

Facility County: Los Angeles

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	S110493956	JEWELRY DESIGN CENTER	404 W. 7TH STREET #221	90014	ENVIROSTOR
LOS ANGELES	S114663594	OLIVE ARCO	1820 OLIVE AVE W		RGA LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 01/18/2016
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: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 01/18/2016
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 01/18/2016
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: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/09/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Varies

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/23/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/23/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Varies

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: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/29/2016
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: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
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: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
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: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
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: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 16

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 02/29/2016
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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 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: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 10/21/2015
Date Data Arrived at EDR: 10/22/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 14

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 10/22/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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 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

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/08/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/29/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 76

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/13/2015
Date Data Arrived at EDR: 08/03/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
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: 07/28/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 67

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
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: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/30/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 48

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/08/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/27/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 10/21/2015
Date Data Arrived at EDR: 10/22/2015
Date Made Active in Reports: 11/06/2015
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/22/2015
Next Scheduled EDR Contact: 12/28/2015
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: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/08/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/21/2015
Date Data Arrived at EDR: 10/22/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 28

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 10/22/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
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: 07/28/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 60

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/13/2015
Date Data Arrived at EDR: 08/03/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Semi-Annually

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: 07/30/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Semi-Annually

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: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
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: 07/28/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 67

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
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: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/27/2015
Next Scheduled EDR Contact: 02/08/2016
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: 07/21/2015
Date Data Arrived at EDR: 07/29/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 76

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/30/2015
Next Scheduled EDR Contact: 02/09/2016
Data Release Frequency: Quarterly

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: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
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: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
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: 06/25/2015
Date Data Arrived at EDR: 09/08/2015
Date Made Active in Reports: 10/12/2015
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/08/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/23/2015
Next Scheduled EDR Contact: 01/04/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/14/2015
Date Data Arrived at EDR: 09/15/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 29

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/15/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/21/2015
Date Data Arrived at EDR: 09/22/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 44

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/29/2016
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: 11/06/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/12/2015
Date Data Arrived at EDR: 09/04/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 60
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
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: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
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: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 01/25/2016
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

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: 08/12/2015
Date Data Arrived at EDR: 09/04/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 60

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
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: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/23/2015
Next Scheduled EDR Contact: 03/14/2016
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

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 09/08/2015
Date Data Arrived at EDR: 09/10/2015
Date Made Active in Reports: 10/12/2015
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/08/2015
Next Scheduled EDR Contact: 12/21/2015
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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/30/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/08/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 34

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/09/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/25/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 20

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/27/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 10/21/2015
Date Data Arrived at EDR: 10/22/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 14

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/22/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 10/21/2015
Date Data Arrived at EDR: 10/22/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 14

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/22/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Varies

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: 09/11/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/16/2015
Next Scheduled EDR Contact: 01/25/2016
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: 10/16/2015
Next Scheduled EDR Contact: 01/25/2016
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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/19/2015
Next Scheduled EDR Contact: 02/29/2016
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: 09/01/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/29/2016
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/10/2015
Next Scheduled EDR Contact: 02/22/2016
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/22/2016
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: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/25/2015
Next Scheduled EDR Contact: 01/04/2016
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: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/28/2015
Next Scheduled EDR Contact: 12/07/2015
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: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/11/2015
Next Scheduled EDR Contact: 12/21/2015
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: 08/01/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
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: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/29/2015
Next Scheduled EDR Contact: 01/25/2016
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: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/08/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
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: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
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: 06/26/2015
Date Data Arrived at EDR: 07/10/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 95
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/03/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
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: 09/11/2015
Next Scheduled EDR Contact: 12/21/2015
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/29/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/07/2015
Next Scheduled EDR Contact: 01/18/2016
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: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/28/2015
Next Scheduled EDR Contact: 12/07/2015
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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/16/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Semi-Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/19/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/05/2015
Next Scheduled EDR Contact: 01/18/2016
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: 07/22/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 40

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 07/22/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 40

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
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: 05/14/2015
Date Data Arrived at EDR: 06/03/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 91

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/01/2015
Next Scheduled EDR Contact: 12/14/2015
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: 09/04/2015
Next Scheduled EDR Contact: 12/14/2015
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: 09/04/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/09/2015
Next Scheduled EDR Contact: 12/21/2015
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: 09/28/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 37

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

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: 08/10/2015
Date Data Arrived at EDR: 08/27/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/03/2015
Next Scheduled EDR Contact: 12/21/2015
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: 12/31/2013
Date Data Arrived at EDR: 09/25/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 41

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/25/2015
Next Scheduled EDR Contact: 01/04/2016
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: 08/24/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 36

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 16

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/29/2016
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: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/14/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/26/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 10/14/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/14/2015
Next Scheduled EDR Contact: 01/25/2016
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: 09/14/2015
Date Data Arrived at EDR: 09/15/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 29

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/15/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/03/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 10/12/2015
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/09/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/11/2015
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 02/29/2016
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: 09/08/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 10/12/2015
Number of Days to Update: 33

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/09/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/14/2015
Date Data Arrived at EDR: 09/15/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 29

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/15/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/25/2015
Date Made Active in Reports: 10/05/2015
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 11/16/2015
Next Scheduled EDR Contact: 01/04/2016
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: 07/23/2015
Date Data Arrived at EDR: 09/15/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 28

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/15/2015
Next Scheduled EDR Contact: 12/28/2015
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 board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/16/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
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 Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 10/13/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/09/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 10/13/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 37

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/09/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 09/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 35

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 09/08/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 11/23/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 10/22/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 24

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 09/22/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 22

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 08/25/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 37

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 05/20/2015
Date Data Arrived at EDR: 08/03/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 31

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 09/23/2015
Date Data Arrived at EDR: 09/25/2015
Date Made Active in Reports: 10/15/2015
Number of Days to Update: 20

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/15/2015
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 32

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/05/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/12/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 06/18/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/25/2015
Date Data Arrived at EDR: 08/27/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 34

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/19/2015
Next Scheduled EDR Contact: 02/01/2016
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/21/2015
Next Scheduled EDR Contact: 01/04/2016
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/09/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/19/2015
Date Data Arrived at EDR: 10/20/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 30

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/20/2015
Next Scheduled EDR Contact: 02/01/2016
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/10/2015
Number of Days to Update: 14

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/19/2015
Next Scheduled EDR Contact: 02/01/2016
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/19/2015
Next Scheduled EDR Contact: 02/01/2016
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/19/2015
Next Scheduled EDR Contact: 02/01/2016
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 16

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/03/2015
Date Data Arrived at EDR: 06/04/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 32

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/09/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 09/15/2015
Date Data Arrived at EDR: 09/17/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 27

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/05/2015
Date Data Arrived at EDR: 10/08/2015
Date Made Active in Reports: 10/15/2015
Number of Days to Update: 7

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 10/05/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/21/2015
Date Data Arrived at EDR: 09/22/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 42

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 09/02/2015
Date Data Arrived at EDR: 09/04/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 39

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/23/2015
Next Scheduled EDR Contact: 03/14/2016
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/16/2015
Number of Days to Update: 9

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/23/2015
Next Scheduled EDR Contact: 03/14/2016
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/23/2015
Next Scheduled EDR Contact: 03/14/2016
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 06/03/2015
Date Data Arrived at EDR: 06/04/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 48

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 11/06/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/10/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 24

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/10/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/10/2015
Date Made Active in Reports: 09/11/2015
Number of Days to Update: 32

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/10/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/11/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 23

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/08/2015
Date Data Arrived at EDR: 09/08/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 36
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 09/08/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/26/2015
Date Data Arrived at EDR: 10/28/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 22
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/21/2015
Next Scheduled EDR Contact: 01/04/2016
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/26/2015
Date Data Arrived at EDR: 10/28/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 22
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/21/2015
Next Scheduled EDR Contact: 01/04/2016
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 10/06/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 41
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/06/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 10/06/2015
Date Made Active in Reports: 11/06/2015
Number of Days to Update: 31
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/06/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/08/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/03/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/23/2015
Date Data Arrived at EDR: 09/25/2015
Date Made Active in Reports: 10/15/2015
Number of Days to Update: 20

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/21/2015
Next Scheduled EDR Contact: 01/04/2016
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/25/2015
Date Data Arrived at EDR: 08/27/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 34

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/14/2015
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 32

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/14/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/16/2015
Date Data Arrived at EDR: 09/17/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 49

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/14/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 08/28/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 67

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/23/2015
Next Scheduled EDR Contact: 03/14/2016
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/10/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/25/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/15/2015
Date Data Arrived at EDR: 09/17/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 49

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/02/2015
Date Data Arrived at EDR: 09/17/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 49

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/10/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/02/2015
Date Data Arrived at EDR: 09/18/2015
Date Made Active in Reports: 10/15/2015
Number of Days to Update: 27

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/10/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 09/28/2015
Date Data Arrived at EDR: 09/30/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 36

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/01/2015
Date Data Arrived at EDR: 10/02/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 34

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 27

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/08/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 07/13/2015
Date Data Arrived at EDR: 07/28/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 6

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 08/17/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 17

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/02/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/29/2016
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2015
Date Data Arrived at EDR: 10/28/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 22

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/26/2015
Date Data Arrived at EDR: 09/15/2015
Date Made Active in Reports: 10/15/2015
Number of Days to Update: 30

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/15/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 10/19/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 23

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 10/19/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/16/2015
Next Scheduled EDR Contact: 02/29/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/13/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 08/24/2015
Number of Days to Update: 18

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/08/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/19/2015
Next Scheduled EDR Contact: 02/01/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/19/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/10/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

OLIVE STREET
1033-1057 SOUTH OLIVE STREET
LOS ANGELES, CA 90015

TARGET PROPERTY COORDINATES

Latitude (North):	34.0414 - 34˚ 2’ 29.04’’
Longitude (West):	118.2609 - 118˚ 15’ 39.24’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	383609.0
UTM Y (Meters):	3767268.8
Elevation:	248 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630741 HOLLYWOOD, CA
Version Date:	2012
East Map:	5630795 LOS ANGELES, 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 principal 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).

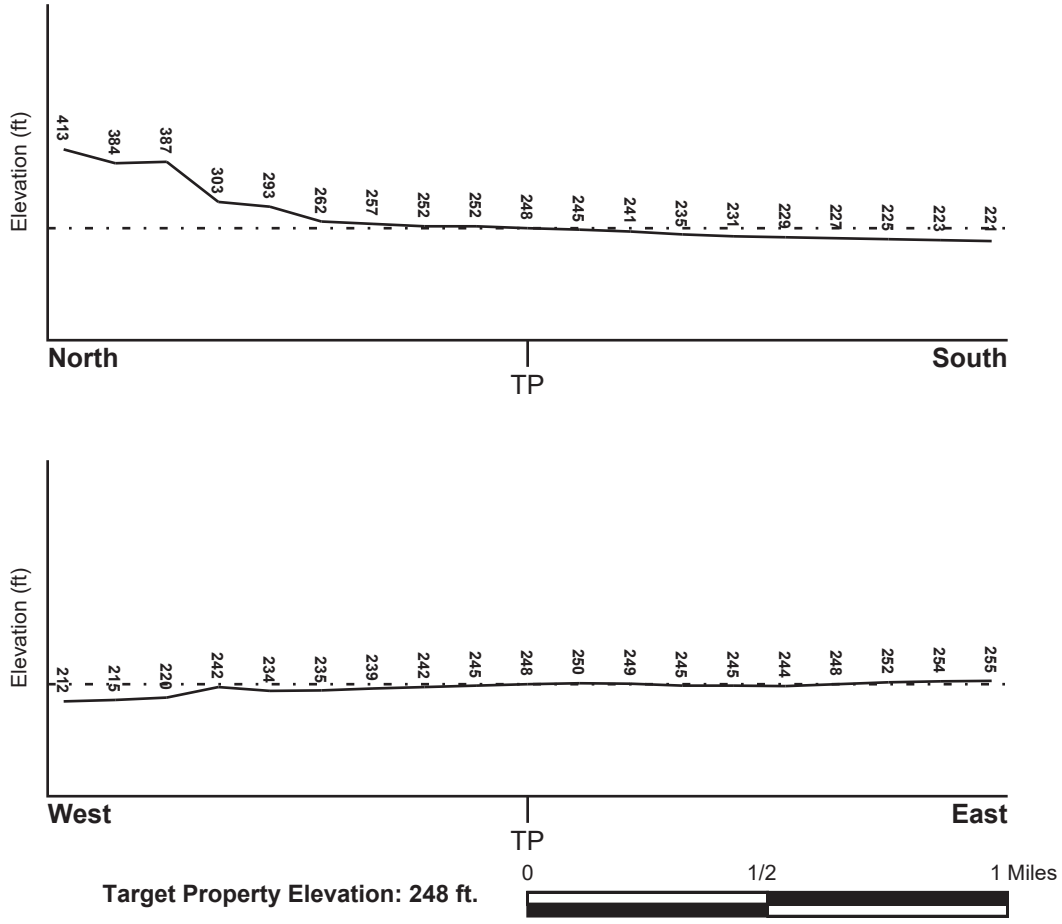
TOPOGRAPHIC INFORMATION

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 SSW

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

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06037C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HOLLYWOOD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile ENE
Site Name:	SO CALIF RAPID TRANSIT DISTRICT
Site EPA ID Number:	CAD981989841
Groundwater Flow Direction:	GENERALLY SE.
Measured Depth to Water:	approximately 37 feet.
Hydraulic Connection:	The uppermost aquifer at the site is the Gaspur aquifer. The Gaspur aquifer is hydraulically connected to underlying aquifers.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

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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:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types:
gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

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LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000139899	1/2 - 1 Mile South

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
No Wells Found		

OTHER STATE DATABASE INFORMATION

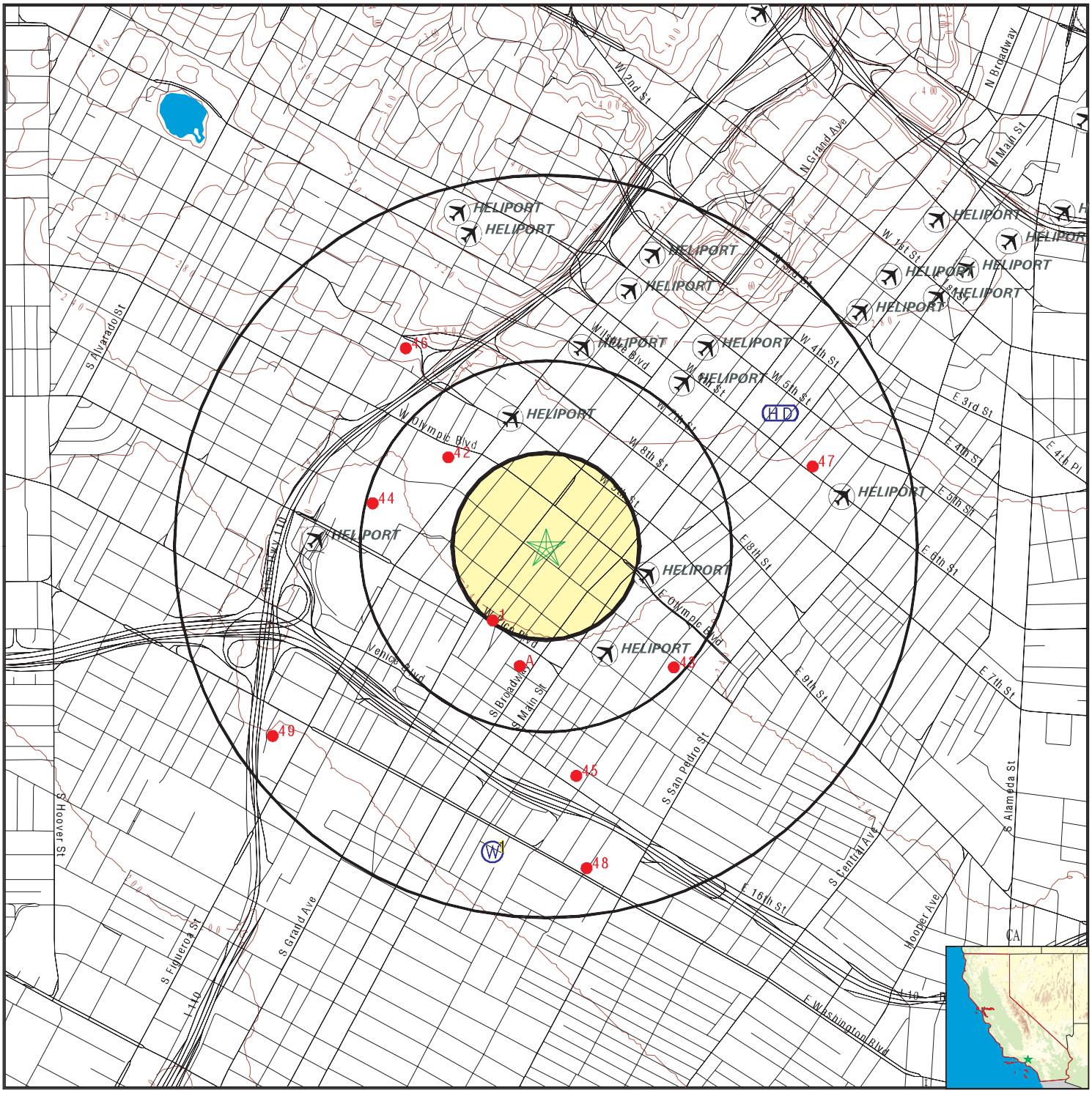
STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG11000208886	1/8 - 1/4 Mile SW
A2	CAOG11000191604	1/4 - 1/2 Mile SSW
A3	CAOG11000191605	1/4 - 1/2 Mile SSW
A4	CAOG11000193179	1/4 - 1/2 Mile SSW
A5	CAOG11000192995	1/4 - 1/2 Mile SSW
A6	CAOG11000193036	1/4 - 1/2 Mile SSW
A7	CAOG11000191607	1/4 - 1/2 Mile SSW
A8	CAOG11000193023	1/4 - 1/2 Mile SSW
A9	CAOG11000193012	1/4 - 1/2 Mile SSW
A10	CAOG11000193013	1/4 - 1/2 Mile SSW
A11	CAOG11000193057	1/4 - 1/2 Mile SSW
A12	CAOG11000188755	1/4 - 1/2 Mile SSW
A13	CAOG11000188753	1/4 - 1/2 Mile SSW
A14	CAOG11000188754	1/4 - 1/2 Mile SSW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A15	CAOG11000191613	1/4 - 1/2 Mile SSW
A16	CAOG11000193190	1/4 - 1/2 Mile SSW
A17	CAOG11000193191	1/4 - 1/2 Mile SSW
A18	CAOG11000188745	1/4 - 1/2 Mile SSW
A19	CAOG11000188746	1/4 - 1/2 Mile SSW
A20	CAOG11000188747	1/4 - 1/2 Mile SSW
A22	CAOG11000191609	1/4 - 1/2 Mile SSW
A21	CAOG11000191608	1/4 - 1/2 Mile SSW
A23	CAOG11000191610	1/4 - 1/2 Mile SSW
A25	CAOG11000188751	1/4 - 1/2 Mile SSW
A24	CAOG11000188750	1/4 - 1/2 Mile SSW
A26	CAOG11000193045	1/4 - 1/2 Mile SSW
A27	CAOG11000193046	1/4 - 1/2 Mile SSW
A28	CAOG11000188752	1/4 - 1/2 Mile SSW
A29	CAOG11000193193	1/4 - 1/2 Mile SSW
A30	CAOG11000188757	1/4 - 1/2 Mile SSW
A31	CAOG11000191614	1/4 - 1/2 Mile South
A32	CAOG11000191612	1/4 - 1/2 Mile South
A33	CAOG11000191611	1/4 - 1/2 Mile SSW
A34	CAOG11000189635	1/4 - 1/2 Mile South
A35	CAOG11000189636	1/4 - 1/2 Mile South
A36	CAOG11000188759	1/4 - 1/2 Mile SSW
A37	CAOG11000188758	1/4 - 1/2 Mile SSW
A38	CAOG11000191606	1/4 - 1/2 Mile South
A39	CAOG11000188756	1/4 - 1/2 Mile South
A40	CAOG11000188748	1/4 - 1/2 Mile South
A41	CAOG11000188749	1/4 - 1/2 Mile South
42	CAOG11000205258	1/4 - 1/2 Mile NW
43	CAOG11000204849	1/4 - 1/2 Mile SE
44	CAOG11000208887	1/4 - 1/2 Mile WNW
45	CAOG11000204850	1/2 - 1 Mile South
46	CAOG11000214319	1/2 - 1 Mile NW
47	CAOG11000214096	1/2 - 1 Mile ENE
48	CAOG11000205268	1/2 - 1 Mile South
49	CAOG11000204507	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 4477686.2s



0 1/4 1/2 1 Miles

- 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:	Olive Street
ADDRESS:	1033-1057 South Olive Street Los Angeles CA 90015
LAT/LONG:	34.0414 / 118.2609
CLIENT:	Leighton and Associates, Inc.
CONTACT:	Bina Patel
INQUIRY #:	4477686.2s
DATE:	November 28, 2015 10:26 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **South** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000139899**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340146118154501		
Monloc name:	002S013W05B001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070105	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0294573
Longitude:	-118.2634075	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	495
Welldepth units:	ft	Wellholedepth:	495
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000208886**

District nun:	1	Api number:	03711865
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	1211 S. Olive Street Development LP		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	GL @ 238
Locationde:	KB @ 11’ above GL		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Broadway Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000208886		

A2
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191604**

District nun:	1	Api number:	03711866
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.226
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000191604		

A3
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191605**

District nun:	1	Api number:	03711866
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.226
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000191605		

A4
SSW **OIL_GAS** **CAOG11000193179**
1/4 - 1/2 Mile

District nun:	1	Api number:	03720833
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	236.143
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193179		

A5
SSW **OIL_GAS** **CAOG11000192995**
1/4 - 1/2 Mile

District nun:	1	Api number:	03720039
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.798
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000192995		

A6
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193036**

District nun:	1	Api number:	03720144
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	233.909
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193036		

A7
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191607**

District nun:	1	Api number:	03711868
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.69
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191607		

Map ID
Direction
Distance

Database EDR ID Number

A8
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193023**

District nun:	1	Api number:	03720118
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	233.268
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193023		

A9
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193012**

District nun:	1	Api number:	03720077
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	232.825
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193012		

A10
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193013**

District nun:	1	Api number:	03720077
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	232.825
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193013		

A11
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193057**

District nun:	1	Api number:	03720204
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.898
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	Albany	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193057		

A12
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188755**

District nun:	1	Api number:	03700464
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	233.438
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188755		

A13
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188753**

District nun:	1	Api number:	03700462
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	233.655
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188753		

A14
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188754**

District nun:	1	Api number:	03700463
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.648
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188754		

Map ID
Direction
Distance

Database EDR ID Number

A15
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191613**

District nun:	1	Api number:	03711873
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	237.171
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191613		

A16
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193190**

District nun:	1	Api number:	03720909
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.939
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	Spring	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193190		

A17
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193191**

District nun:	1	Api number:	03720909
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.939
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	Spring	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193191		

A18
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188745**

District nun:	1	Api number:	03700457
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	236.1
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	ADG
Site id:	CAOG11000188745		

A19
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188746**

District nun:	1	Api number:	03700458
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	236.568
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188746		

A20
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188747**

District nun:	1	Api number:	03700458
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	236.568
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188747		

A22
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191609**

District nun:	1	Api number:	03711869
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.094
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	5B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	ADG
Site id:	CAOG11000191609		

Map ID
Direction
Distance

Database EDR ID Number

A21
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191608**

District nun:	1	Api number:	03711869
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.094
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	5B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	ADG
Site id:	CAOG11000191608		

A23
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191610**

District nun:	1	Api number:	03711869
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	234.094
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	5B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	ADG
Site id:	CAOG11000191610		

A25
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188751**

District nun:	1	Api number:	03700460
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	St. James Oil Corp.		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	236.747
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000188751		

A24
SSW **OIL_GAS** **CAOG11000188750**
1/4 - 1/2 Mile

District nun:	1	Api number:	03700460
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	St. James Oil Corp.		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	236.747
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000188750		

A26
SSW **OIL_GAS** **CAOG11000193045**
1/4 - 1/2 Mile

District nun:	1	Api number:	03720175
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	237.059
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193045		

A27
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193046**

District nun:	1	Api number:	03720175
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	237.059
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193046		

A28
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188752**

District nun:	1	Api number:	03700461
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	237.355
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Spring	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188752		

Map ID
Direction
Distance

Database EDR ID Number

A29
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193193**

District nun:	1	Api number:	03720923
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	236.252
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193193		

A30
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188757**

District nun:	1	Api number:	03700466
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	238.063
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188757		

A31
South
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191614**

District nun:	1	Api number:	03711874
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	243.777
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191614		

A32
South
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191612**

District nun:	1	Api number:	03711871
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	237.014
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191612		

A33
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191611**

District nun:	1	Api number:	03711870
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	235.038
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191611		

A34
South
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189635**

District nun:	1	Api number:	03706352
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	242.152
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189635		

A35
South
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189636**

District nun:	1	Api number:	03706352
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	242.152
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189636		

Map ID
Direction
Distance

Database EDR ID Number

A36
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188759**

District nun:	1	Api number:	03700467
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	236.758
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice FW	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188759		

A37
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188758**

District nun:	1	Api number:	03700467
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	236.758
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice FW	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188758		

A38
South
1/4 - 1/2 Mile

OIL_GAS **CAOG11000191606**

District nun:	1	Api number:	03711867
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	236.058
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Flower Com	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000191606		

A39
South
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188756**

District nun:	1	Api number:	03700465
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	238.651
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A.Unit Venice Com	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188756		

A40
South
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188748**

District nun:	1	Api number:	03700459
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	238.569
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188748		

A41
South
1/4 - 1/2 Mile

OIL_GAS **CAOG11000188749**

District nun:	1	Api number:	03700459
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Nasco Petroleum, LLC		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	238.569
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	42402259.ssf		
Leasename:	L.A. Unit	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188749		

42
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000205258**

District nun:	1	Api number:	03706334
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Salvation Army Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205258		

Map ID
Direction
Distance

Database EDR ID Number

43
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000204849**

District nun:	1	Api number:	03705691
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	33
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wall Corehole	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000204849		

44
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000208887**

District nun:	1	Api number:	03711872
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Standard-Occidental Albany Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000208887		

45
South
1/2 - 1 Mile

OIL_GAS **CAOG11000204850**

District nun:	1	Api number:	03705692
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	5
Township:	02S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Venice Community Core Hole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000204850		

46
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000214319**

District nun:	1	Api number:	03720793
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	29
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	S.M.J. Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000214319		

47
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000214096**

District nun:	1	Api number:	03720494
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	33
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Greyhound Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000214096		

48
South
1/2 - 1 Mile

OIL_GAS **CAOG11000205268**

District nun:	1	Api number:	03706344
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	5
Township:	02S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wall Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205268		

49
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000204507**

District nun:	1	Api number:	03705184
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Atlantic Richfield Company		
County name:	Los Angeles	Fieldname:	Los Angeles Downtown
Area name:	Any Area	Section:	32
Township:	01S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	West Adams Corehole	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000204507		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
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 Services
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 Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX F

REGULATORY RECORDS DOCUMENTATION

Leighton

CITY OF LOS ANGELES
CALIFORNIA

BOARD OF PUBLIC WORKS MEMBERS

KEVIN JAMES
PRESIDENT

MONICA RODRIGUEZ
VICE PRESIDENT

MATT SZABO
PRESIDENT PRO TEMPORE

MICHAEL R. DAVIS
COMMISSIONER

BARBARA ROMERO
COMMISSIONER

ERIC GARCETTI
MAYOR

BUREAU OF SANITATION

ENRIQUE C. ZALDIVAR
DIRECTOR

TRACI J. MINAMIDE
CHIEF OPERATING OFFICER

VAROUJ S. ABKIAN
ADEL H. HAGEKHALIL
ALEXANDER E. HELOU
ASSISTANT DIRECTORS

VACANT
CHIEF FINANCIAL OFFICER

INDUSTRIAL WASTE MANAGEMENT DIVISION
2714 MEDIA CENTER DRIVE
LOS ANGELES, CA 90065
OFFICE: (323) 342-6200
FAX: (323) 342-6111

25-Nov-15

Bina Patel

Leighton and Associates, Inc.
17781 Cowan, Suite 140,
Irvine, CA 92614

INDUSTRIAL WASTEWATER DISCHARGE PERMIT INFORMATION

Your request to research our files for Industrial Wastewater Discharge permit information was done by my staff. Our records show the following findings:

[X] No permit on file for: **1033-1039, 1043-1045, 1049-1057 (odds) South Olive Street, Los Angeles, CA 90015**

[X] Permits have been issued for: **1041, 1047 South Olive Street, Los Angeles, CA 90015**

(see attachments)

[✓] No citations have been issued for the past 5 years.

[ ] Yes, citations have been issued (see attachments).

The cost of generating this report is $ **$1.20**

Please remit a check in the above amount, payable to "Department of Public Works", and mail to:

Bureau of Sanitation
Industrial Waste Management Division
2714 Media Center Drive
Los Angeles, CA 90065
Attn: Admin Inspection Group

If you have any questions, please contact Adrienne Tong of my staff at (323) 342-6062.

Sincerely,
ENRIQUE C. ZALDIVAR, Director
Bureau of Sanitation

By: Bellete W. Yohannes

Bellete Yohannes, Chief Env. Compliance Inspector II
Industrial Waste Management Division

C: Attachment [X] yes [ ] no

Adrienne Tong

Form 1103—1M Sets—12-57

DEPARTMENT OF PUBLIC WORKS
Bureau of Sanitation
SEWER MAINTENANCE DIVISION
Room 750 City Hall, Los Angeles 12
MIchigan 5211, Station 758

CITY OF LOS ANGELES

California

PERMIT W 16814

July 25, 19 58

INDUSTRIAL WASTE PERMIT

Revocable permission is hereby granted to

Mitchell and Herb Engraving Company, Incorporated (37) (Name of Firm or Individual) 1041 South Olive Street (Address)

to discharge the following indicated class or classes of industrial waste liquids ~~from~~ stated to be 3150 (4) gallons per 24-hour day from:

Process "A" - Photographic Developing;

Process "B" - Plate Etching;

from the premises located at 1041 South Olive Street

into the 14-inch clay pipe sewer in that street

subject to the conditions marked (x) on the reverse side of this sheet and to the further condition that the permittee agrees to take such additional steps in the future as may then be required by the Director or his authorized representative to prevent any damage, danger, or nuisance from the introduction of these waste liquids into the receiving system.

RECOMMENDED:

STERLING C. BUESCH
Industrial Waste Engineer

APPROVED:

W. A. SCHNEIDER, Director
Bureau of Sanitation

By ALVIN A. APPEL
Sewer Maintenance Superintendent

This permit becomes effective upon receipt of the fee of $10.00

W-16814 4-21-72 Moved 0/A

Form 1101—100 Pads—11-67 (G 39, 40)

CITY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUREAU OF SANITATION
INDUSTRIAL WASTE CONTROL SECTION

PHONE
624-5211
Ext. 1253

APPLICATION FOR INDUSTRIAL WASTE PERMIT

W337117
W-Number

See Reverse Side for Fee Schedule
(Submit in Duplicate)

RECEIVED MAR 10 1969

1. Firm Name: National Auto Glass Company (19)
2. Type of Business: Auto Glass Replacement — PHONE: 749-1371
3. Installation Address: 1047 So. Olive Street, Los Angeles, Calif. — ZIP CODE: 90015
   (NUMBER & STREET)
4. Mailing Address: 1047 So. Olive St. (NUMBER & STREET) Los Angeles (CITY) Calif. (STATE) 90015 (ZIP CODE)
5. Processes Involved: Re-Sealing Auto Glass - Testing Cars for Leaks

Chemical and physical characteristics of waste discharge: Water & Dirt

7. Name of Applicant or Representative of Firm: Jack R. Lewis, Partner (PLEASE PRINT)

Signature: Jack R. Lewis Date: 3-6-69

(OVER) **DO NOT WRITE BELOW THIS LINE** (OVER)

DO NOT WRITE IN THIS SPACE

New	X
Revision	
Change of Ownership	
Sewer	X (1)
S.D.	
Watercourse	
Other	
G. G.	
Seats:	
Grease Trap	
Max. gpm	4
Total gpd	400 (1)
Sec. 64.30	X
Sec. 64.31	
Class	1 (1)
District	3

8. Size and location of sewer, S.D. or other: 14 INCH SEWER IN OLIVE ST.
9. Waste Processes: (32) (77) ( ) ( ) ( ) AUTOMOBILE PARTS WASHING (—WINDOW WASHING—) FLOOR WASHING
10. Required Treatment: (02) ( ) ( ) CLARIFICATION
11. Required Treatment Facility: (19) ( ) ( ) 12" X 12" X 12" SUMP
12. Additional Information: THIS COMPANY REPLACES GLASS WINDOWS IN CARS. THERE IS VIRTUALLY NO GLASS GRINDING.
13. Submitted by Inspector: Stephen J Durchin Date: 3-11-69
14. Recommended by Senior Inspector: Ernest E. Berry Date: 3-12-69
15. Approved by Principal Inspector: Charles R. Sheridan Date: 3-26-69

16. APPLICANT: A permit is issued subject to conditions shown hereon and is revocable at any time for non-compliance with the regulating provisions of the Los Angeles Municipal Code or any policy of the Board of Public Works adopted pursuant thereto.

(OVER)

NORTH-CENTRAL DISTRICT ENTERED APR 1969

Department of Toxic Substances Control

Barbara A. Lee, Director
9211 Oakdale Avenue
Chatsworth, California 91311

Matthew Rodriquez
Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

December 2, 2015

Ms. Bina Patel
Leighton and Associates, Inc.
17781 Cowan, Suite 140
Irvine, CA 92614

VARIOUS SITES
PR3-113015-04

Dear Ms. Patel:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities referenced below.

- 1033, 1035, 1037, 1039, 1041, 1043, 1045, 1047, 1049, 1051, 1053, 1055, and 1057 South Olive Street, Los Angeles, CA 90015

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor. If you have any questions or would like further information regarding your request, please contact me at (818) 717-6522.

Sincerely,

Glenn Castillo/cs
Regional Records Coordinator

Printed on Recycled Paper

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Barbara A. Lee, Director
5796 Corporate Avenue
Cypress, California 90630

Edmund G. Brown Jr.
Governor

November 30, 2015

Bina Patel
Leighton and Associates
17781 Cowan, Suite 140
Irvine, California 92614

1033, 1035, 1037, 1039, 1041, 1043, 1045, 1047, 1049, 1051, 1053, 1055, and 1057 South Olive Street, Los Angeles, California 90015
PR4-112515-07

Dear Bina Patel:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities reference above.

We would like to inform you about EnviroStor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: **http://www.envirostor.dtsc.ca.gov/public**. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions or would like further information regarding your request, please contact our Regional Records Coordinator at: (714) 484-5336.

Sincerely,

Jone Barrio

Regional Records Coordinator
Cypress Administrative Services

brm

Printed on Recycled Paper

Google

SITES CURRENTLY VISIBLE ON MAP — 2 SITES LISTED — EXPORT THIS LIST TO EXCEL

SITE NAME	GLOBAL ID	FAC ID	STATUS	ADDRESS	CITY
TRANSAMERICA CENTER/GARAGE		24766		1133 S OLIVE ST	LOS ANGELES
TRANSAMERICA CORP.		24768		1149 S HILL ST	LOS ANGELES

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 200 NORTH MAIN ST., 17TH FLR. RM. 1700
NEW OFFICE# - 213-978-3700 NEW EMAIL lafd.usttestnotify@lacity.org

PLEASE GIVE US 7 TO 10 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

↓ COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED ↓

PHONE NO: (949) 681-4281 EMAIL: bpatel@leightongroup.com

NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: [signature] DATE: 11/25/15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1045 South Olive Street, Los Angeles, CA 90015

REASON FOR REQUEST: Due Diligence

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UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 200 NORTH MAIN ST., 17TH FLR. RM. 1700
NEW OFFICE# - 213-978-3700 NEW EMAIL lafd.usttestnotify@lacity.org

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PHONE NO: (949) 681-4281 EMAIL: bpatel@leightongroup.com

NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: [signature] DATE: 11 / 25 / 15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1043 South Olive Street, Los Angeles, CA 90015

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LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 200 NORTH MAIN ST., 17TH FLR. RM. 1700

NEW OFFICE# - 213-978-3700 NEW EMAIL lafd.usttestnotify@lacity.org

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PHONE NO: (949) 681-4281 EMAIL: bpatel@leightengroup.com

NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: BP DATE: 11/25/15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1041 South Olive Street, Los Angeles, CA 90015

REASON FOR REQUEST: Due Diligence

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TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
16TH FL, Rm. 1620, 200 N. MAIN (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 200 NORTH MAIN ST., 17TH FLR. RM. 1700
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PHONE NO: (949) 681-4281 EMAIL: bpatel@leightongroup.com

NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: [signature] DATE: 11 / 25 / 15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1039 South Olive Street, Los Angeles, CA 90015

REASON FOR REQUEST: Due Diligence

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NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
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ONE ADDRESS ONLY - PER SHEET

↓ COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED ↓

PHONE NO: (949) 681-4281 EMAIL: bpatel@leightongroup.com

NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: [signature] DATE: 11/25/15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1037 South Olive Street, Los Angeles, CA 90015

REASON FOR REQUEST: Due Diligence

NO COPY SERVICES ALLOWED

FOR OFFICE USE ONLY:

☐ REVIEW ONLY (NO COPIES)

☐ REQUEST COPIES

NUMBER OF PAGES: _____

X .10 ¢

= _____

+ $11.00

TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
16TH FL, Rm. 1620, 200 N. MAIN (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 200 NORTH MAIN ST., 17TH FLR. RM. 1700
NEW OFFICE# - 213-978-3700 NEW EMAIL lafd.usttestnotify@lacity.org

PLEASE GIVE US 7 TO 10 BUSINESS DAYS TO HONOR YOUR REQUEST.

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NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: BPA DATE: 11/25/15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1033 South Olive Street, Los Angeles, CA 90015

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NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: [signature] DATE: 11/25/15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1053 South Olive Street, Los Angeles, CA 90015

REASON FOR REQUEST: Due Diligence.

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+ $11.00

TOTAL FEE AMOUNT: _____

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16TH FL, Rm. 1620, 200 N. MAIN (REV CODE #3887)

NO FILE FOUND

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UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 200 NORTH MAIN ST., 17TH FLR. RM. 1700
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NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: BP DATE: 11 / 25 / 15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1055 South Olive Street, Los Angeles, CA 90015

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UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 200 NORTH MAIN ST., 17TH FLR. RM. 1700

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PHONE NO: (949) 681-4281 EMAIL: bpatel@leightongroup.com

NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: BPA DATE: 11/25/15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1057 South Olive Street, Los Angeles, CA 90015

REASON FOR REQUEST: Due Diligence

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TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
16TH FL, Rm. 1620, 200 N. MAIN (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 200 NORTH MAIN ST., 17TH FLR. RM. 1700
NEW OFFICE# - 213-978-3700 NEW EMAIL lafd.usttestnotify@lacity.org

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NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: [signature] DATE: 11/25/15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1051 South Olive Street, Los Angeles, CA 90015

REASON FOR REQUEST: Due Diligence

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TOTAL FEE AMOUNT: _____

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UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
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NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: BPA DATE: 11/25/15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

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PHONE NO: (949) 681-4281 EMAIL: bpatel@leightongroup.com

NAME OF REQUESTER (PLEASE PRINT): Bina Patel

REPRESENTING (COMPANY NAME): Leighton and Associates

SIGNATURE: [signature] DATE: 11 / 25 / 15

DRIVER LIC NO: E1595008 EXP: 08/05/2016

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 1047 South Olive Street, Los Angeles, CA 90015

REASON FOR REQUEST: Due Diligence

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+ $11.00

TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
16TH FL, Rm. 1620, 200 N. MAIN (REV CODE #3887)

NO FILE FOUND

Los Angeles City Fire Department

Telephone (213) 978-3691 **Fax** (213) 978-3615 **Email** lafdrfi@lacity.org
200 N. Main St., 17th Fl., Los Angeles, CA 90012

Request for Information
Hazardous Materials Records

***COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: 11/25/2015 Email: bpatel@leightongroup.com

Requester's Name: Bina Patel Fax#: 949-250-1114

Company/ Agency: Leighton and Associates PH.#: 949-681-4281

Address: 17781 Cowan Unit/Ste.:

City: Los Angeles State: CA Zip: 92614

Information is requested for ***1035 S Olive St - 24 pg file & Inv Summ (FA0027845)***

☐ Active Facilities Only *** 1047 S Olive St - Inv Summ only (FA0007894) ***

Check all that apply: ☑ Inventory Summary ☐ Review File

Business Name/ DBA:

Storage Address: 1033-1057 South Olive Street Unit/Ste.:

City: Los Angeles Zip: 90015

Reason for Request:

FOR OFFICE USE ONLY

☐ **NO INFORMATION ON FILE**
☐ **HARD FILE DESTROYED**
☑ **INFORMATION AVAILABLE**

Fee Schedule:
*Inventory Summary** 2 x $11.00

Facility I.D. No.: FA0027845 & FA0007894

Request Review File Copies:

Request No.: FS#10

*Initial Fee** 1 x $ 1.10

Processed Date: 12/22/2015

# of pgs. 24 x $0.10 = $2.40

APPT. TO REVIEW FILE:

* *Per Fac. I.D.*

Processor Signature: Angenee' R Digitally signed by Angenee' R DN: cn=Angenee' R, o, ou, email=angenee.reygadas@lacity.org, c=US Date: 2015.12.22 10:38:58 -08'00' **TOTAL:** $

Allow 10 working days for processing:

1-N

City of LOS ANGELES
CALIFORNIA

LOS ANGELES FIRE DEPARTMENT
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 978-3680

Business No.: FA0027845
Business Name: C.I PRINTING
Business Mailing Address: 1035 S OLIVE ST
LOS ANGELES, CA 90015
Storage Address: 1035 S OLIVE ST

Date:
Last Inspection Date:
Permit Date: 07/01/2014
RFI Request No:
RFI Requestor Name:

Chemical & Ingredients	Haz. Mat. Type	Max. Qnt on hand:	Yearly Qnt	Product Storage Type	Physical State
SOLVENT WASTE	c	55			b
- -		0	0		
SOLVENT WASTE	c	55			b
- -		0	0		

City of LOS ANGELES
CALIFORNIA

DEPARTMENT OF FIRE
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 978-3680

Los Angeles Fire Department
Data Entry Instruction Form (DEIF)

Date:	12/7/2007	**New Business**	☐
Inspector's / Member:	HUSBAND	**Fire Station:**	010
Facility ID:	FA0027845	**HM Inspector No.:**	EE0285496
Business Name:		**UST Inspector No.:**	
C.I, PRINTING		**Occ. Jurisdiction:**	010

DATA ENTRY INSTRUCTION: *Check appropriate boxes*

- [X] **Changes on BP-1**
- [ ] **Changes on BP-8**
- [X] **Changes on Attached CUPA Form(s)**
- [ ] **UST Adandon Sheets**
- [ ] **UST Installation Sheets**
- [ ] **Enter Inventory On Attached CUPA Forms**
- [ ] **Inactive Business** *Journal Entry Should Be Included*

  Reason:
- [ ] **Other Instruction:** *For Examples: Combine Business Under One BP Number*

Data Entry Name: _____ **Date:** 12-8-2007

City of LOS ANGELES
CALIFORNIA

BUSINESS INFORMATION

LOS ANGELES FIRE DEPARTMENT
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 978-3680

Printed on: 11/26/2007

INSTRUCTIONS : Please complete and sign this form; your signature indicates that the information, as supplied, is accurate.

Business Number: fa0027845 This is your current business plan number. This number must appear on all business plan forms!
Business Name : C.I, PRINTING

Address Where Business is Conducted : 1035 S OLIVE ST,
LOS ANGELES, CA 90015
Mailing Address : 1035 S OLIVE ST
LOS ANGELES, CA 90015
Other On-Site Addresses:

Briefly describe the nature of the hazardous materials operations:

Number of Employees: 3
SIC Code : 2752
Dun & Bradstreet Number:

CONTACT	WORK #	24 HOUR #	PAGER #	OTHER #
Owner Name: C.I. PRINTING	213) 747-6747	[redacted]		
On-Site Manager: young sim ~~shim~~ SHIN	213) 747-6747			
Emergency Contact: C.I. PRINTING	213) 747-6747			
2nd Emergency Contact:				

Signature of Legal Business Owner/Authorized Representative | Title | Date

Business Plan has been reviewed and approved: ___ ___

Office Use Only Insp. ID: _____ Date: _____ D/E ID: _____ Date: _____ TS: _____

City of LOS ANGELES
CALIFORNIA

LOS ANGELES
FIRE DEPARTMENT
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 978-3680

Hazardous Materials System
BP-8: Computer Listing of Inventory Submitted
Inspection Responsibility: VIU

Business No : fa0027845
First In : 010
Block # :

Printed on: 11/26/2007

Business Name	: C.I, PRINTING	**Business Address:**	1035 S OLIVE ST,	**Last Inspection Date:**	01/26/2005
Business Owner	: C.I. PRINTING		LOS ANGELES, CA 90015	**SIC Code**	: 2752
On-Site Manager	: young sim shim	**Phone #**	: (213) 747-6747	**# of Employees**	: 3
Emergency Contact	: C.I. PRINTING	**Phone #**	: (213) 747-6747 Ext:	**Sq. Ft. of Facility**	: N/A
Alt Emergency Contact:		**Phone #**	: Ext:	**Permit Date**	: 11/09/2007

LOCATION: [redacted] **NFPA-704: N/A** **Products: 1**

Chemical Name	*HM Type*	*Max Quantity on Hand*	*State*	*Fed Haz Catg.*
PETROLEUM NAPHTHA SOLVENT	MIXTURE	30.00 GALLONS	LIQUID	

Hazard Class:
Storage Type: PLASTIC/NONMETALLIC DRUM

Ingredients	*Max %*	*CAS #*

01/26/2005 My signature indicates that I have verified and agreed with the types and quantities of hazardous materials at this address

INSP SIG: _____ INSP. DATE: ___ BUS. REP. SIG: _____ DATE: ___ DE. SIG.: _____ DATE: _____

FACILITY ADDRESS: **1035 S OLIVE ST (27845)**

HAZARDOUS MATERIALS INSPECTION GUIDELINES:

OFFICE:

- ☑ Pull file, check history
- ☑ Check Envision to review notes, history or special instructions
- ☑ Print Inspection Packet, which includes:

1. BP 1
2. BP 8
3. UP Forms for updating chemical inventory
4. Business Plan Review
5. Packet should accompany you on the inspection, if inspection requires a phone call to gain entry, contact responsible party
6. Invoice, to see if facilities fees are current

INSPECTION: Upon Arrival

- ☑ Check address on facility, does the business name match what's listed on the BP1
- ☑ Check for visual hazards, placards, blocked egress, etc
- ☐ Make contact with responsible party
- ☑ Check to see if CUPA Permit is posted and current
- ☑ Update BP 1 and have responsible party sign verifying the information is correct
- ☐ Perform inspection to update chemical inventory on BP 8, for each updated chemical, **completely** fill out a (UP) Chemical Description Form
- ☑ Ensure the responsible party signs and dates BP 8
- ☑ Check for signs of illegal processes and illegal dumping, check dumpsters outside and drains
- ☑ If violations are found, Take photos of violations found
- ☑ Write a notice sighting violations and leave a copy with the responsible party
- ☑ Thank the responsible party for their time and exit the facility

RETURN TO OFFICE:

- ☑ Place a copy of completed notice in notice book on Capt Gatewood's desk
- ☑ Enter completed inspection into Envision with notes of who you met with and if a notices was written
- ☑ Any chemical inventory or processes not understood, check with RMPPS SPECIALIST OR THE INDUSTRIAL HYGENIST
- ☑ Prepare an F-290 packet if necessary
- ☑ Place completed inspection in the appropriate box for processing

Name **CARLOS MOREL** Signature _____ Date 4/25/13

RETURN THIS FORM ATTACHED TO DEIF, BP1 AND BP8

Los Angeles Fire Department

HMBP Compliance Inspection Checklist

BUSINESS NAME: C.I. PRINTING
SITE ADDRESS: 1035 S OLIVE ST
FACILITY NAME: C.I. PRINTING INSPECTION DATE 4/25/13
FACILITY ID #: 27845

☐ Routine 006 ☐ Follow-Up 006 ☐ Re-inspection 007 ☐ Other 008

REQUIREMENT	AUTHORITY	COMPLIANT	NON-COMPLIANT	
Establish and implement an HMBP	CCR 2729.1	✇	✇	1
Submit a complete and current HMBP to LAFD	CCR 2729.2	✇	✇	M
Maintain a copy of the current HMBP on site	CCR 2729.1	✇	✇	M
A. HAZARDOUS MATERIALS INVENTORY REPORTING CCR 2729.1 – 2729.5				
UPCF Business Activity, Business Owner/Operator Identification Form	CCR 2729.2	✇	✇	M
B. EMERGENCY RESPONSE PLANS AND PROCEDURES CCR 2731				
Immediate Notification of local Emergency Response Personnel	CCR 2731.a1	✇	✇	1
Immediate Notification of CUPA and CalEMA	CCR 2731.a2	✇	✇	2
Immediate Notification of Necessary Personnel	CCR 2731.a3	✇	✇	2
Identification of local Emergency Medical Assistance	CCR 2731.b	✇	✇	1
Evacuation Procedures	CCR 2731.d	✇	✇	1
Identification of Systems requiring Immediate Inspection/Isolation in the Event of an Earthquake	CCR 2731.e	✇	✇	2
Mitigation, Prevention or Hazard Abatement Procedures	CCR 2731.c	✇	✇	1
C. EMPLOYEE TRAINING : INITIAL AND REFRESHER CCR 2732				
Methods for safe handling of hazardous materials	CCR 2732	✇	✇	1
Procedures for coordination with local responders	CCR 2732	✇	✇	M
Use of emergency response equipment and supplies	CCR 2732	✇	✇	M
Facility emergency response plans and procedures	CCR 2732	✇	✇	M
Annotated Site Map	CCR 2729.2	✇	✇	M
Hazardous Materials Inventory Information	CCR 2729.2	✇	✇	M
GENERAL: USE AND HANDLING				
Material Safety Data Sheets (MSDS) are accessible	CCR 2731.c	✇	✇	M
Emergency shut-offs for chemical processes or equipment are labeled	CCR 2731.c	✇	✇	M
Spill control and spill mitigation materials are available (absorbent, rags, or shop vacuum)	CCR 2731.c	✇	✇	1
All containers are kept closed unless in use	CCR 2731.c	✇	✇	2
All containers are in good condition	CCR 2731.c	✇	✇	2
Containers are stored in a manner to prevent rupture, leaking, or structural deterioration	CCR 2731.c	✇	✇	2
Containers are compatible with stored content	CCR 2731.c	✇	✇	1
Containers are properly labeled	CCR 2731.c	✇	✇	2
Empty hazardous materials containers are disposed of properly	CCR 66261.7	✇	✇	2
All spills are promptly address so as to prevent discharge to air, soil, or surface water	CCR 2731.c	✇	✇	2
Storage area is maintained to separate incompatible materials	CCR 2731.c	✇	✇	1
Facilities storing petroleum in eligible AST's have an SPCC plan on site (>1320-gallons)		✇	✇	1
		✇	✇	

☐ NO VIOLATIONS OBSERVED **VIOLATION CODES: MINOR – 03; CLASS I – 01; CLASS II - 02**

Inspector Signature Facility Rep. Signature Date

F-340 C HAZMAT

Part 1 – Citizen
Part 2 – Fire Department
Part 3 – Fire Department

City of Los Angeles

FIRE DEPARTMENT
FIRE/LIFE SAFETY VIOLATION

NOTICE # 425 / 04-25-13 / 27845
INSP#,6-DIG DATE,LAST 5-FAC ID.

OCCUPANCY	DISTRICT	BLOCK NO.	MAP BOOK	PAGE	PARCEL	DATE:
COMMERCIAL	056					4/25/13

TO: RITA SATIN

FIRM OR D.B.A.: C.I. PRINTING

ADDRESS:	(CITY)	(STATE)	ZIP CODE	PHONE
1035 S OLIVE ST	LOS ANGELES	CA	90015	213.747.6747

ADDRESS OF VIOLATION:	(CITY)	(STATE)	ZIP CODE	FACILITY ID:
1035 S OLIVE ST	LOS ANGELES	CA	90015	27845

Under the authority of the State of California and the Los Angeles Fire Department CUPA, an inspection of your facility has been conducted. The following violations have been identified:

COMPLY WITH THE FOLLOWING REQUIREMENTS AS FOLLOWS:

✓	CCR 2729.1	Establish and implement a Hazardous Materials Business Plan
✓	CCR 2729.2	Submit a complete and current Hazardous Material Business Plan to the Los Angeles Fire Department CUPA
✓	CCR 2729.1	Maintain a current copy of your Hazardous Materials Business Plan on site
O	CCR 2729.2 PAGE 3	Complete an accurate UPF Business Activity, Business Owner/Operator Identification Form
O	CCR 15400 PAGE 7	Submit Business Plan with a signature of certification and appropriate review date
O	CCR 2731.al PAGE 9	Identify adequate plans for Immediate Notification of local Emergency Response Personnel (911)
O	CCR 2731.2a2 PAGE 9	Identify adequate plans for Immediate Notification of the local CUPA and CalEMA
O	CCR 2731.a3 PAGE 9	Identify adequate plans for Immediate Notification of all Necessary Personnel
O	CCR 2731.b PAGE 9	Identify adequate local Emergency Medical Assistance
O	CCR 2731.d PAGE 10	Identify adequate Evacuation Procedures
O	CCR 2731.e PAGE 10	Identify systems requiring Immediate Inspection/Isolation in the Event of an Earthquake
O	CCR 2731.c PAGE 11	Identify adequate Mitigation, Prevention, or Abatement Procedures
O	CCR 2732 PAGE 13	Complete training logs for Employee training on methods for safe handling of hazardous materials
O	CCR 2732 PAGE 13	Complete training logs for Employee training on procedures for coordination with local responders
O	CCR 2732 PAGE 13	Complete training logs for Employee training on procedures for use of emergency response equipment and supplies
O	CCR 15400 PG 16(a,b,c)	Accurately complete Tank Information Sheets, (all tanks on site) if applicable
O	CCR 2729.2.9.3 PG. 17	Accurately complete and post a facility Site Map
O	CCR 2729.2 PAGE 21	Accurately complete Hazardous Materials Inventory Information Sheets for all Hazardous Materials on site
O		
O		

ADDITIONAL INFORMATION O BACK OF THIS FORM

FAILURE ON YOUR PART TO COMPLY WITH THIS NOTICE ON OR BEFORE: 5/25/13
WILL SUBJECT YOU TO PENALTIES PRESCRIBED BY SAID ORDINANCE. A FIRE DEPARTMENT RE-INSPECTION OF YOUR FACILITY SHALL BE MADE FOR FULL COMPLIANCE.

RECEIVED BY: [signature] TITLE: MANAGER

FOR ADDITIONAL INFORMATION, PLEASE CALL
213-978-3679
carlos.morel@lacity.org

DATE COMPLETED: 05/21/13
INSPECTOR: [signature]

BY ORDER OF THE FIRE CHIEF
CARLOS MOREL **ENVIRONMENTAL**
INSPECTOR # 425 ASSIGNMENT
SIGNATURE: [signature]

FACILITY ID 27845

BUSINESS PLAN REVIEW REPORT

- **BUSINESS ACTIVITY – PAGE 3**
  - FACILITY IDENTIFICATION – VERIFY NUMBER ON TOP OF ALL PAGES
  - ACTIVITIES DECLARATION – VERIFY COMPLETENESS

- **BUSINESS OWNER/OPERATOR IDENTIFICATION – PAGE 5**
  - SECTION I-V: VERIFY COMPLETENESS AND REFER CHANGES TO DATA MANAGEMENT
  - VERIFY SIGNATURE AND DATE ARE PRESENT

- **CONSOLIDATED CONTINGENCY PLAN/ COVER PAGE – PAGE 7**
  - PLAN CERTIFICATION – VERIFY SIGNATURE AND DATE ARE PRESENT

- **SECTION I: BUSINESS PLAN/ CONTINGENCY PLAN –PAGE 9-13**
  - EMERGENCY CONTACT - VERIFY COMPLETENESS AND REFER CHANGES TO DATA MANAGEMENT
  - EMERGENCY RESPONSE PLANS AND PROCEDURES
    - (A) EMERGENCY NOTIFICATION PAGE – 9: 911 INDICATED
    - (B) EMERGENCY MEDICAL FACILITY PAGE 9: APPROPRIATE LOCATION
    - (C) PRIVATE EMERGENCY RESPONSE PAGE 10: VERIFY APPLICABILITY
    - (D) ARRANGEMENTS WITH EMERGENCY RESPONDERS PAGE 10: VERIFY APPLICABILITY
    - (E) EVACUATION PLANS PAGE 10: VERIFY ALARM, VERBAL WARNING, MAP DIRECTIONS, AND RESPONSIBLE PERSON
    - (F) EARTHQUAKE VULNERABILITY PAGE 10: VERIFY COMPLETENESS
    - (G) EMERGENCY PROCEDURES PAGE 11:
      - PREVENT – INSPECTION/ MONITORING AND CONTAINMENT
      - MITIGATION – SMALL & LARGE LEAKS/SPILLS
      - ABATEMENT – SMALL & LARGE LEAKS/SPILLS
  - EMERGENCY EQUIPMENT PAGE 12: VERIFY COMPLETENESS
  - EMPLOYEE TRAINING LOG PAGE 13: VERIFY COMPLETENESS
  - HAZARDOUS WASTE GENERATOR TRAINING LOG PAGE 13: VERIFY COMPLETENESS

- **SECTION II: UST EMERGENCY RESPONSE & MONITORING PLAN PAGE 15-16:**
  - MONITORING PLAN & PROCEDURES PAGE 15: VERIFY COMPLETENESS
  - EMERGENCY RESPONSE PLAN PAGE 16: VERIFY COMPLETENESS OF NAME, ADDRESS, PHONE NUMBERS OF RESPONSIBLE PARTY
  - DISPOSAL, LOCATION OF EQUIPMENT, AND MAINTENANCE SCHEDULE PAGE 16: VERIFY COMPLETENESS
  - *TANK INFORMATION FOR EACH TANK ON THE PROPERTY*
  - *FORM – A/B or ½ "D"*
  - *IDENTIFICATION OF DESIGNATED OPERATOR*

- **SITE MAP PAGE 17:**
  - ADDRESS, ORIENTATION, HAZ-MAT STORAGE LOCATIONS, TANK LOCATIONS, MONITORING LOCATION, MITIGATION EQUIPMENT LOCATION, BUSINESS PLAN/MSDS LOCATION

- **HAZARDOUS MATERIAL INVENTORY/ CHEMICAL DESCRIPTION PAGE 21:**
  - VERIFY COMPLETENESS (add, delete, or revised inventory), All appropriate boxes complete

- **REGULATED SUBSTANCE REGISTRATION PAGE 23:**
  - VERIFY COMPLETENESS

- **HAZARDOUS GENERATOR – PAGE 29:**
  - TYPE OF GENERATOR PAGE 29: VERIFY COMPLETENESS
  - WASTE STREAM IDENTIFICATION PAGE 29: VERIFY COMPLETENESS
  - VERIFY SIGNATURE AND DATE ARE PRESENT

Reviewed by: ENV CU #425 Data Entry: _____ Chemical review: _____ Date:_____

UNIFIED PROGRAM (UP) FORM
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	F A 0 0 2 7 8 4 5	1	EPA ID # (Hazardous Waste Only)	2

BUSINESS NAME (Same as Facility Name of DBA-Doing Business As) 3

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility...	If Yes, please complete these pages of the UP FORM....	
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☑ YES ☒ NO 4	✔ HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION ✔ CONSOLIDATED CONTINGENCY PLAN (Section I and Site Map(s)) ✔ TRAINING PLAN
B. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	☐ YES ☑ NO 5	✔UST FACILITY ✔UST TANK (one page per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☑ NO 6	✔UST FACILITY ✔UST TANK (one per tank) ✔UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank)
3. Need to report closing a UST?	☐ YES ☑ NO 7	✔UST TANK (closure portion –one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		
Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☑ NO 8	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☐ YES ☑ NO 9	✔ EPA ID NUMBER – provide at the top of this page. ✔ As a generator, answer YES to Item E2b and complete Waste Generator Form.
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES ☑ NO 10	✔ RECYCLABLE MATERIALS REPORT
3. Treat hazardous waste on site?	☐ YES ☑ NO 11	✔ ONSITE HAZARDOUS WASTE TREATMENT – FACILITY ✔ ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☑ NO 12	✔ CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☑ NO 13	✔ REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☑ NO 14	✔ HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
E. LOCAL REQUIREMENTS		15
1. REGULATED SUBSTANCES		
Have Regulated Substances (RS) stored on site at greater than the threshold quantities established by the California Accidental Release Program (Cal ARP) ?	☐ YES ☑ NO 15a	In addition to Hazardous Materials requirements, complete: ✔ Regulated Substance Registration ✔ Risk Management Plan (when required)
2. OTHER REQUIREMENTS		
a. Have hazardous materials stored on site at or above a threshold amount established by a CUPA's or PA's local ordinance?	☐ YES ☑ NO 15b	✔ Consult local CUPA or PA for added reporting requirements.
b. Required by a CUPA or PA to provide other information?	☐ YES ☑ NO 15c	✔ Waste Generator Form (LA County)

OFFICIAL USE ONLY	UP Form	HW	HM	ARP	AST	UST	TP	CUPA	PA

INSTRUCTIONS FOR THE UNIFIED PROGRAM (UP) FORM
Business Owner/Operator Identification (formerly OES Form 2730)

Please submit the Business Activities page, the Business Owner/Operator Identification page (OES Form 2730), and Hazardous Materials - Chemical Description pages (OES Form 2731) for all hazardous materials inventory submissions.. For the inventory to be considered complete, this page must be signed by the appropriate individual. Please number all pages of your submittal. This helps your CUPA or PA identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER This number is assigned by the CUPA. This is the unique number which identifies your facility.
3. BUSINESS NAME Enter the full legal name of the business.
100. BEGINNING DATE Enter the beginning year and date of the report. (YYYYMMDD, ex. 1999/07/01)
101. ENDING DATE Enter the ending year and date of the report. (YYYYMMDD, ex. 2000/06/30)
102. BUSINESS PHONE Enter the phone number, area code first, and any extension.
103. BUSINESS SITE ADDRESS Enter the street address where the facility is located. No post office box numbers are allowed.
104. CITY Enter the city or unincorporated area in which the business site is located.
105. ZIP CODE - Enter the zip code of the business site. The extra 4 digits in the zip code may also be added.
106. DUN & BRADSTREET Enter the Dun and Bradstreet number for the facility. The Dun & Bradstreet number may be obtained by calling (610) 882-7748 or by visiting Dun and Bradstreet on the internet at www.dnb.com.
107. SIC CODE Enter the primary Standard Industrial Classification Code number for primary business activity. Report only the first four digits.
108. COUNTY Enter the county in which the business site is located.
109. BUSINESS OPERATOR NAME Enter the name of the business operator.
110. BUSINESS OPERATOR PHONE Enter business operator's phone number including any extension, if different from the business phone.
111. OWNER NAME Enter name of the business owner, if different from the business operator.
112. OWNER PHONE Enter the business owner's phone number if different from the business phone, area code first, and any extension.
113. OWNER MAILING ADDRESS Enter the owner's mailing address if different from the business site address.
114. OWNER CITY Enter the name of the city for the owner's mailing address.
115. OWNER STATE Enter the 2 character state abbreviation for the owner's mailing address.
116. OWNER ZIP CODE Enter the zip code for the owner's address. The extra 4 digits in the zip code may also be added.
117. ENVIRONMENTAL CONTACT NAME Enter the name of the person, if different from the Business Owner or Operator, who receives all environmental correspondence and will respond to enforcement activity.
118. CONTACT PHONE Enter the phone number at which the environmental contact can be contacted including any extension.
119. CONTACT MAILING ADDRESS Enter the mailing address where all environmental contact correspondence should be sent.
120. CITY Enter the name of the city for the environmental contact's mailing address.
121. STATE Enter the 2 character state abbreviation for the environmental contact's mailing address.
122. ZIP CODE Enter the zip code for the environmental contact's mailing address. The extra 4 digit s in the zip code may also be added.
123. PRIMARY EMERGENCY CONTACT NAME Enter the name of a representative that can be contacted in case of an emergency involving hazardous materials at the business site. The contact shall have FULL facility access, site familiarity, and authority to make decisions for the business regarding incident mitigation.
124. TITLE Enter the title of the primary emergency contact.
125. BUSINESS PHONE Enter the business number for the primary emergency contact, area code first, and any extensions.
126. 24-HOUR PHONE Enter a 24-hour phone number for the primary emergency contact. The 24-hour phone number must be one answered 24 hours a day. If it is not the contact's home phone number, then the service answering the phone must be able to immediately contact the individual stated above.
127. PAGER NUMBER Enter the pager number for the primary emergency contact, if available.
128. SECONDARY EMERGENCY CONTACT NAME Enter the name of a secondary representative that can be contacted in the event that the primary emergency contact is not available. The contact shall have FULL facility access, site familiarity, and authority to make decisions for the business regarding incident mitigation.
129. TITLE Enter the title of the secondary emergency contact.
130. BUSINESS PHONE Enter the business telephone number for the secondary emergency contact, area code first, and any extension.
131. 24-HOUR PHONE Enter a 24-hour phone number for the secondary emergency contact. The 24 hour phone number must be one which is answered 24 hours a day. If it is not the contact's home phone number, then the service answering the phone must be able to immediately contact the individual stated above.
132. PAGER NUMBER Enter the pager number for the secondary emergency contact, if available.
133a. UNINCORPORATED AREA Check "Yes" if your facility is located in an unincorporated area of the County (ex. East LA, Marina Del Rey etc.).
133b. NUMBER OF EMPLOYEES Enter the number of employees working at your facility.
133c. TAX IDENTIFICATION NUMBER (TIN) Enter your business's tax identification number or social security number. The TIN number may be obtained from the Internal Revenue Service (IRS).
133d. MAILING/BILLING ADDRESS Enter the address that all correspondence and bills should be sent.
133e. MAILING/BILLING CITY Enter the city for the mailing/billing address.
133f. MAILING/BILLING STATE Enter the 2 character state abbreviation for the mailing/billing address.
133g. MAILING/BILLING ZIP CODE Enter the zip code for the mailing/billing address. The extra 4 digit s in the zip code may also be added.
134. DATE Enter the date that the document was signed. (YYYYMMDD, ex. 1999/07/01)
135. NAME OF DOCUMENT PREPARER Enter the full name of the person who prepared the inventory submittal information.
136. NAME OF SIGNER Enter the full printed name of the person signing the page.

SIGNATURE OF OWNER/ OPERATOR OR DESIGNATED REPRESENTATIVE The Business Owner/Operator, or officially designated representative of the Owner/Operator, shall sign in the space provided. This signature certifies the signer is familiar with the information submitted, and based on the signer's inquiry of those individuals responsible for obtaining the information, it is the signer's belief that the information is true, accurate and complete.

137. TITLE OF SIGNER Enter the title of the person signing the page.

UNIFIED PROGRAM (UP) FORM
BUSINESS OWNER/OPERATOR IDENTIFICATION

☐ NEW BUSINESS ☐ OUT OF BUSINESS ☐ REVISE/UPDATE (EFFECTIVE / /) PAGE OF

I. IDENTIFICATION

FACILITY ID# FA 0027845 1	BEGINNING DATE 100	ENDING DATE 101	
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) C.I PRINTING 3		BUSINESS PHONE 102 213-747-6747	
BUSINESS SITE ADDRESS 1035 S. OLIVE ST 103			
CITY LOS ANGELES 104	CA	ZIP CODE 90015 105	
DUN & BRADSTREET 106		SIC CODE (4 digit #) 107	
COUNTY LOS ANGELES 108		UNINCORPORATED ☐ Yes ☐ No 133a.	
BUSINESS OPERATOR NAME YOUNG SIM SHIN 109		BUSINESS OPERATOR PHONE 110 213-747-6747	

II. BUSINESS OWNER

OWNER NAME YOUNG SIM SHIN 111		OWNER PHONE 112 213-700-6747
OWNER MAILING ADDRESS 1035 S. OLIVE ST 113		
CITY LOS ANGELES 114	STATE CA 115	ZIP CODE 90015 116

III. ENVIRONMENTAL CONTACT

CONTACT NAME YOUNG SIM SHIN 117		CONTACT PHONE 118 213-700-6747
CONTACT MAILING ADDRESS 1035 S. OLIVE ST 119		
CITY LOS ANGELES 120	STATE CA 121	ZIP CODE 90015 122

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME DONG SHIN, Rita SHIN 123	NAME KEH CHO 128
TITLE 124	TITLE 129
BUSINESS PHONE 125	BUSINESS PHONE 130
24-HOUR PHONE [redacted] ~~213-961~~ 126	24-HOUR PHONE [redacted] 131
PAGER # 127	PAGER # 132

V. ADDITIONAL LOCALLY COLLECTED INFORMATION 133

NUMBER OF EMPLOYEES 3 133b	FEDERAL TAX IDENTIFICATION NUMBER 133c

MAILING/ BILLING INFORMATION

ADDRESS 133d	CITY 133e	STATE 133f	ZIP CODE 133g

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135
[signature]	5/9/13	
NAME OF SIGNER (print) 136	TITLE OF SIGNER 137	
YOUNG SIM SHIN		

OFFICIAL USE ONLY	UP Form	HW	HM	ARP	AST	UST	TP	CUPA	PA

INSPECTOR	DISTRICT	DATE OF INSPECTION	DIVISION	BATTALION	STATION

Logged and updated ALEX R. 6/25/13.

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Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

COVER PAGE

FACILITY IDENTIFICATION			
BUSINESS NAME C.J PRINTING 3			FACILITY ID # 1 FA0027845
SITE ADDRESS 1035. S. OLIVE ST 103	CITY L.A 104		ZIP CODE 105 90015

The Consolidated Contingency Plan provides businesses a format to comply with the emergency planning requirements of the following three written hazardous materials emergency response plans required in California:

- Hazardous Materials Business Plan (HSC Chapter 6.95 Section 25504 (b) and 19 CCR Sections 2729-2732),
- Hazardous Waste Generator Contingency Plan (22 CCR Section 66264.52), and,
- Underground Storage Tank Emergency Response Plan and Monitoring Program (23 CCR Sections 2632 and 2641).

This format is designed to reduce duplication in the preparation and use of emergency response plans at the same facility, and to improve the coordination between facility response personnel and local, state and federal emergency responders during an emergency. Use the chart below to determine which sections of the Consolidated Contingency Plan need to be completed for your facility. If you are unsure as to which programs your facility is subject to, refer to the Business Activities Page.

PROGRAMS	SECTION(S) TO BE COMPLETED
Hazardous Materials Business Plan (HMBP)	Cover Page, Section I, and Site Map(s)
Hazardous Waste Generator (HWG)	Cover Page, Section I, and Site Map(s)
Underground Storage Tank (UST)	Cover Page, Sections I and II, and Site Map(s)
HMBP, HWG, UST	Cover Page, Sections I and II, and Site Map(s)

A copy of the plan shall be submitted to your local CUPA and at least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency. Describe below where a copy of your Contingency Plan, including the hazardous material inventories and Site Map(s), is located at your business:

PLAN CERTIFICATION	
I certify under penalty of law that I have personally examined and I am familiar with the information provided by this plan and to the best of my knowledge the information is accurate, complete, and true.	
Printed Name of Owner/ Operator MR YOUNG SIM SHIN	Title of Owner/Operator MANAGER
Signature of Owner/ Operator	Date 4/30/13

We appreciate the effort of local businesses in completing these plans and will assist in every possible way. If you have any questions, please contact your local CUPA or PA.

OFFICIAL USE ONLY		DATE RECEIVED		REVIEWED BY		
DIV	BN	STA	OTHER	DISTRICT	CUPA	PA

ADVISORY

The site-specific Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials that could threaten human health and/or the environment. The contingency plan shall be reviewed, and immediately amended, if necessary, whenever:

- the plan fails in an emergency,
- the facility changes in its design, construction, operation, maintenance, or other circumstances in a way that materially increases the potential for fires, explosions, or releases of hazardous waste or hazardous waste constituents, or changes the response necessary in an emergency,
- the list of emergency coordinators changes, or
- the list of emergency equipment changes.

Submit a copy of any updates or changes to your local CUPA or PA.

UST owners/operators be advised that the local UST agency, CUPA or PA, must be notified within 30 days of any changes to the monitoring procedures listed in the UST Emergency Response and Monitoring Plan as found Section II of the Consolidated Contingency Plan.

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

947

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

I. FACILITY IDENTIFICATION

BUSINESS NAME	C. I PAINTING	3		FACILITY ID # 1	FA0027845
SITE ADDRESS	1035 S OLIVE ST	103	CITY L.A 104	ZIP CODE 105	90015

II. EMERGENCY CONTACTS

PRIMARY		SECONDARY	
NAME	YOUNG SIM SHIN 123	NAME	128
TITLE	~~OWNER~~ MANAGER 124	TITLE	129
BUSINESS PHONE	213-747-6747 125	BUSINESS PHONE	130
24-HOUR PHONE	[redacted] 126	24-HOUR PHONE	131
PAGER #	[redacted] 127	PAGER #	132

III. EMERGENCY RESPONSE PLANS AND PROCEDURES

A. Notifications

Your business is required by State Law to provide an immediate verbal report of any release or threatened release of a hazardous material to local fire emergency response personnel, this Unified Program Agency (CUPA or PA), and the Office of Emergency Services. If you have a release or threatened release of hazardous materials, immediately call:

FIRE/PARAMEDICS/POLICE/SHERIFF
PHONE: 911

AFTER the local emergency response personnel are notified, you shall then notify this Unified Program Agency and the Office of Emergency Services.

Local Unified Program Agency: ( ) -
State Office of Emergency Service: (800) 852-7550 or (916) 262-1621
National Response Center: (800) 424-8802

Information to be provided during Notification:

- Your Name and the Telephone Number from where you are calling.
- Exact address of the release or threatened release.
- Date, time, cause, and type of incident (e.g. fire, air release, spill etc.)
- Material and quantity of the release, to the extent known.
- Current condition of the facility.
- Extent of injuries, if any.
- Possible hazards to public health and/ or the environment outside of the facility.

B. Emergency Medical Facility

List the local emergency medical facility that will be used by your business in the event of an accident or injury caused by a release or threatened release of hazardous material

HOSPITAL/CLINIC: CALIF HOSPITAL	PHONE NO: 213-748-2911
ADDRESS: 1401 S. GRAND AVE.	
CITY: LOS ANGELES	ZIP CODE: 90015

OFFICIAL USE ONLY		DATE RECEIVED		REVIEWED BY		
DIV	BN	STA	OTHER	DISTRICT	CUPA	PA

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

C. Private Emergency Response

DOES YOUR BUSINESS HAVE A PRIVATE ON-SITE EMERGENCY RESPONSE TEAM? ☐ Yes ☑ No

If yes, provide an attachment that describes what policies and procedures your business will follow to notify your on-site emergency response team in the event of a release or threatened release of hazardous materials.

CLEANUP/DISPOSAL CONTRACTOR

List the contractor that will provide cleanup services in the event of a release.

NAME OF CONTRACTOR: COMMODITY RESOURCE & ENVIRONMENTAL

PHONE NO: 818 - 843 - 2811

ADDRESS: 116 E. PROSPECT AVE

CITY: BURBANK CA 91502

ZIP CODE:

D. Arrangements With Emergency Responders

If you have made special (i.e. contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements on the lines below:

E. Evacuation Plan

1. The following alarm signal(s) will be used to begin evacuation of the facility *(check all which apply)*:

☑ Verbal ☐ Telephone *(including cellular)* ☐ Alarm System ☐ Public Address System ☐ Intercom
☐ Pagers ☐ Portable Radio ☐ Other *(specify)*:

2. ☑ Evacuation map is prominently displayed throughout the facility.

3. ☐ Individual(s) responsible for coordinating evacuation including spreading the alarm and confirming the business has been evacuated: Young S. Shim

F. Earthquake Vulnerability

Identify areas of the facility where releases could occur or would require immediate inspection or isolation because of the vulnerability to earthquake related ground motion.

☑ Hazardous Waste/ Hazardous Materials Storage Areas ☐ Production Floor ☐ Process Lines
☐ Bench/ Lab ☐ Waste Treatment ☐ Other:

Identify mechanical systems where releases could occur or would require immediate inspection or isolation because of the vulnerability to earthquake related ground motion.

☐ Utilities ☐ Sprinkler Systems ☐ Cabinets ☐ Shelves
☐ Racks ☐ Pressure Vessels ☐ Gas Cylinders ☐ Tanks
☐ Process Piping ☐ Shutoff Valves ☑ Other: HAZMART CONTAINER

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

G. Emergency Procedures

Briefly describe your business standard operating procedures in the event of a release or threatened release of hazardous materials:

1. **PREVENTION** (prevent the hazard) - Describe the kinds of hazards associated with the hazardous materials present at your facility. What actions would your business take to prevent these hazards from occurring? You may include a discussion of safety and storage procedures.

THE KIND OF HAZARDS ASSOCIATED WITH THE HAZARDOUS MATERIALS IN MY FACILITY ARE SPILLS AND LEAKS CONTAINERS OF HAZARDOUS MATERIALS AND HAZARDOUS WASTES ARE STORED WITH SECONDARY CONTAINMENT.

2. **MITIGATION** (reduce the hazard) - Describe what is done to lessen the harm or the damage to person(s), property, or the environment, and prevent what has occurred from getting worse or spreading. What is your immediate response to a leak, spill, fire, explosion, or airborne release at your business?

SMALL SPILLS ARE SPILLS OF MINIMAL QUANTITES THAT ARE CONTAINED AND MITIGATED ONSITE BY THR BUSINESS EMPLOYESS.

3. **ABATEMENT** (remove the hazard) - Describe what you would do to stop and remove the hazard. How do you handle the complete process of stopping a release, cleaning up, and disposing of released materials at your facility?

THE RESPONSE TO A LIMITED SPILLIS THE FOLLOWING: EMPLOYEES INVOLVED IN THE CLEAN UP OF THE SPILL WILL WEAR PROTECTIVE RUBBER GLOVES. SAFETY GLASSES AND ADDITIONAL PROTECTIVE CLOTHING.

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

IV. Emergency Equipment

22 CCR, Section 66265.52(e) [as referenced by Section 66262.34(a)(3)] requires that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Location *	4. Description**
Personal Protective, Equipment, Safety Equipment, and First Aid Equipment	☐ Cartridge Respirators		
	☐ Chemical Monitoring Equipment *(describe)*		
	☐ Chemical Protective Aprons/Coats		
	☐ Chemical Protective Boots		
	☐ Chemical Protective Gloves		
	☐ Chemical Protective Suits *(describe)*		
	☐ Face Shields		
	☑ First Aid Kits/Stations *(describe)*		
	☐ Hard Hats		
	☐ Plumbed Eye Wash Stations		
	☐ Portable Eye Wash Kits *(i.e. bottle type)*		
	☑ Respirator Cartridges *(describe)*		
	☑ Safety Glasses/Splash Goggles		
	☐ Safety Showers		
	☐ Self-Contained Breathing Apparatuses (SCBA)		
	☐ Other *(describe)*		
Fire Extinguishing Systems	☐ Automatic Fire Sptinkler Systems		
	☐ Fire Alarm Boxes/Stations		
	☑ Fire Extinguisher Systems *(describe)*		
	☐ Other *(describe)*		
Spill Control Equipment and Decontamination Equipment	☐ Absorbents (describe)		
	☐ Berms/Dikes (describe)		
	☐ Decontamination Equipment (describe)		
	☐ Emergency Tanks (describe)		
	☐ Exhaust Hoods		
	☐ Gas Cylinders Leak Repair Kits (describe)		
	☐ Neutralizers (describe)		
	☐ Overpack Drums		
	☐ Sumps (describe)		
	☐ Other (describe)		
Communications and Alarm Systems	☐ Chemical Alarms (describe)		
	☐ Intercoms/ PA Systems		
	☐ Portable Radios		
	☐ Telephones		
	☐ Underground Tank Leak Detection Monitors		
	☑ Other (describe)		VERBAL
Additional Equipment (Use Additional Pages if Needed.)			

* *Use the Location Codes (LC) from the Site Map(s) prepared for your Contingency Plan.*

** *Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.*

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

V. EMPLOYEE TRAINING

All facilities which handle hazardous materials must have a written employee training plan. A blank plan has been provided below for you to complete and submit. The items listed below are required per Health and Safety Code Section 25504 (c) and Title 19 Section 2732.

Facility personnel are trained as follows:

- Familiarity with all plans and procedures specified in the Contingency Plan.
- Methods for Safe Handling of Hazardous Materials.
- Safety procedures in the event of a release or threatened release of a hazardous material.
- Use of Emergency Response equipment and supplies under the control of the business.
- Procedures for Coordination with local Emergency Response Organizations.

Training shall be provided:

- Initially for all new employees.
- Annually, including refresher courses, for all employees.

Note: These training programs may take into consideration the position of each employee.

Additional training should include:

- Internal alarm/notification procedures.
- Evacuation/re-entry procedures and assembly point locations.
- Material Safety Data Sheet (MSDS) training including specific hazard(s) of each chemical to which employees may be exposed, including routes of exposure *(i.e. inhalation, ingestion, absorption).*

VI. HAZARDOUS WASTE GENERATOR TRAINING

If your business is a hazardous waste generator, you are required to provide training in hazardous waste management for all workers who handle hazardous waste at your site (22 CCR §66265.16). You are also required to document training. The items below are required.

EMPLOYEE TRAINING

- Facility personnel will successfully complete training within six months after the date of their employment or assignment to a facility or to a new position at a facility.
- Employees will not handle hazardous wastes without supervision until trained.

TRAINING DOCUMENTATION

The owner or operator must maintain the following documents and records at the facility:

- Job title for each position at the facility that is related to hazardous waste management, and the names of the employee(s) filling the position(s).
- Description for each position listed above (must include required skill, education, or other qualifications as well as duties of employees assigned to the position.
- Description of *type* and *amount* of both introductory and continuing training given to each employee.
- Records that document that the requirements for training or job experience have been met.
- Current employees' training records (to be retained until closure of the facility).
- Former employees' training records (to be retained at least three years after termination of employment).

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Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

SITE MAP

A site plan and storage map must be included with your Contingency Plan. For relatively small facilities, these documents may be combined into one drawing. Since these drawings are intended for use in emergency response situations, larger facilities *(generally those with complex and/or multiple buildings)* should provide an overall site plan and a separate storage map for each building/storage area. A blank Facility Site Map has been provided on the reverse side of this page. You may complete that page or attach any other drawing(s) which contain(s) the information required below.

1. **Site Plan:** This drawing shall contain, at a minimum, the following information:

   a. Site Orientation (north, south, etc.);
   b. Approximate scale *(e.g. "1 inch = 10 feet".)*;
   c. Date the map was drawn;
   d. Locations of all buildings and other structures;
   e. Parking lots and internal roads;
   f. Hazardous materials loading/unloading areas;
   g. Outside hazardous materials storage or use areas;
   h. Storm drain and sanitary sewer drain inlets;
   i. Wells for monitoring of underground tank systems;
   j. Primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas;
   k. Adjacent property use;
   l. Locations and names of adjacent streets and alleys;
   m. Access and egress points and roads.

2. **Storage Map(s):** The map(s) shall contain, at a minimum, the following information:

   a. General purpose of each section/area within each building *(e.g. "Office Area", "Manufacturing Area", etc.)*;
   b. Location of each hazardous material/waste storage, dispensing, use, or handling area *(e.g. individual underground tanks, aboveground tanks, storage rooms, paint booths, etc.)*. Each area shall be identified by a unique location code number, letter, or name *(e.g. "1", "2", "3"; "A", "B", "C", etc.)*;
   c. Entrances to and exits from each building and hazardous material/waste room/area;
   d. Location of each utility emergency shut-off point *(i.e. gas, water, electric.)*;
   e. Location of each monitoring system control panel *(e.g. underground tank monitoring, toxic gas monitoring, etc.)*.

3. **Map Legend**

Item and/or Description	Location Code (LC)
WASTE	B-2
CHEMICAL	B-4

II. HAZARDOUS MATERIALS SECTION

To be completed by all businesses that handle hazardous materials and/or regulated substances (including extremely hazardous substances)

Be advised that appropriate signatures must be provided on forms.

This section includes:

❑ HAZARDOUS MATERIALS INVENTORY FORM - CHEMICAL DESCRIPTION

One chemical per page. Make photocopies as necessary.

CAS Numbers must be provided for each chemical and hazardous component. To obtain the CAS#, refer to the chemical's MSDS (Materials Safety Data Sheet), or contact the chemical's manufacturer, or the Chemical Abstracts Service at (614) 447-3600.

Facilities reporting chemicals subject to EPCRA (the Federal Emergency Planning and Community Right-to-Know Act) reporting thresholds must sign each page for each EPCRA reported chemical. For more information on EPCRA, contact US EPA at (800) 535-0202 or visit US EPA's EPCRA website at www.epa.gov/opptintr/tri.

❑ REGULATED SUBSTANCE REGISTRATION FORM

One chemical per page. Make photocopies as necessary.

❑ REGULATED SUBSTANCE LIST

INSTRUCTIONS FOR THE UNIFIED PROGRAM (UP) FORM

Hazardous Materials Inventory - Chemical Description

Complete a separate Hazardous Materials Inventory - Chemical Description page for each hazardous material (hazardous substances and hazardous waste) handled at your facility in aggregate quantities equal to or greater than 500 pounds, 55 gallons, 200 cubic feet of gas (calculated at standard temperature and pressure), or the federal threshold planning quantity for Extremely Hazardous Substances, whichever is less. Also, complete a page for each radioactive material handled over quantities for which an emergency plan is required by 10 CFR Parts 30, 40, or 70. Completed inventories should reflect all reportable quantities of hazardous materials at your facility, reported **separately** for each building or outside adjacent area, with **separate** pages for unique occurrences of physical state, storage temperature and storage pressure. Please, number all pages of your submittal.

1. FACILITY ID NUMBER This number is assigned by the CUPA. This is the unique number which identifies your facility.
3. BUSINESS NAME Enter the full legal name of the business.
200. ADD/DELETE/ REVISE Indicate if the material is being added to the inventory, deleted from the inventory, or if the information previously submitted is being revised. NOTE: You may choose to leave this blank if you resubmit your entire inventory annually.
201. CHEMICAL LOCATION Enter the building or outside/ adjacent area where the hazardous material is handled. A chemical that is stored at the same pressure and temperature, in multiple locations within a building, can be reported on a single page. NOTE: This information is not subject to public disclosure pursuant to HSC § 25506.
202. CHEMICAL LOCATION CONFIDENTIAL - EPCRA All businesses which are subject to the Emergency Planning and Community Right to Know Act (EPCRA) must check "Yes" to keep chemical location information confidential; otherwise, check "No".
203. MAP NUMBER If a map is included, enter the number of the map on which the location of the hazardous material is shown.
204. GRID NUMBER If grid coordinates are used, enter the grid coordinates of the map that correspond to the location of the hazardous material.
205. CHEMICAL NAME Enter the proper chemical name associated with the Chemical Abstract Service (CAS) number of the hazardous material. This should be the International Union of Pure and Applied Chemistry (IUPAC) name found on the Material Safety Data Sheet (MSDS). NOTE: If the chemical is a mixture, do not complete this field; instead, complete the "COMMON NAME" field.
206. TRADE SECRET - Check "Yes" if the information in this section is declared a trade secret, or "No" if it is not.
State requirement : If yes, and the business is not subject to EPCRA, disclosure of trade secret information is bound by HSC § 25511.
Federal requirement : If yes, and the business is subject to EPCRA, disclosure of the designated Trade Secret information is bound by 40 CFR, and the business must submit a "Substantiation to Accompany Claims of Trade Secrecy" form (40 CFR 350.27) to U.S. EPA.
207. COMMON NAME Enter the common name or trade name of the hazardous material or mixture containing a hazardous material.
208. EHS Check "Yes" if the hazardous material is an Extremely Hazardous Substance (EHS), as defined in 40 CFR, Part 355, Appendix A. If the material is a mixture containing an EHS, leave this section blank and complete the section on hazardous components below.
209. CAS # Enter the Chemical Abstract Service number for the hazardous material. For mixtures, enter the CAS number of the mixture only if it has a number; otherwise, leave this blank and report CAS numbers of the individual hazardous components in the appropriate section below.
210. FIRE CODE HAZARD CLASSES This information shall be provided if the local fire chief deems it necessary and requests the CUPA or PA to collect it. A list of the hazard classes and instructions on how to determine which class a material falls under are found in the appendices of Article 80 of the Uniform Fire Code. If a material has more than one hazard class, include all. Contact CUPA or PA for guidance.
211. HAZARDOUS MATERIAL TYPE Check the one box that best describes the type of hazardous material: pure, mixture or waste. If the substance is a waste, check only that box. If the substance is a mixture or waste, complete the hazardous components section.
212. RADIOACTIVE Check "Yes" if the hazardous material is radioactive or "No" if it is not.
213. CURIES If the material is radioactive, report the activity in curies; use up to nine digits with a floating decimal point to report activity in curies.
214. PHYSICAL STATE Check the one box that best describes the state in which the hazardous material is handled: solid, liquid or gas.
215. LARGEST CONTAINER Enter the total capacity of the largest container in which the material is stored.
216. FEDERAL HAZARD CATEGORIES Check all categories that describe the physical and health hazards associated with the hazardous material.
Fire: Flammable Liquids and Solids, Combustible Liquids, Pyrophorics, and Oxidizers.
Pressure Release: Explosives, Compressed Gases, and Blasting Agents.
Acute Health (Immediate): Highly Toxic, Toxic, Irritants, Sensitizers, Corrosives, and other chemicals with an adverse effect with short term exposure.
Reactive: Unstable Reactive, Organic Peroxides, Water Reactive, and Radioactive.
Chronic Health (Delayed): Carcinogens, Teratogens, Mutagens, and other chemicals with an adverse effect with long term exposure.
217. AVERAGE DAILY AMOUNT Calculate the average daily amount of the hazardous material or mixture containing a hazardous material, in each building or adjacent/ outside area. Calculations shall be based on the previous year's inventory of the material reported on this page. Total all daily amounts and divide by the number of days the chemical will be on site. If this is a material that has not previously been present at this location, the amount shall be the average daily amount you project to be on hand during the course of the year. This amount should be consistent with the units reported in box 221 and should not exceed that of maximum daily amount.
218. MAXIMUM DAILY AMOUNT Enter the maximum amount of each hazardous material or mixture containing a hazardous material, which is handled in a building or adjacent/outside area at any one time over the course of the year. This amount must contain at a minimum last year's inventory of the material reported on this page, with the reflection of additions, deletions, or revisions projected for the current year. This amount should be consistent with the units reported in box 221.
219. ANNUAL WASTE AMOUNT If the hazardous material being inventoried is a waste, provide an estimate of the annual amount handled.
220. STATE WASTE CODE If the material is a waste, enter the California 3-digit hazardous waste code from the Uniform Hazardous Waste Manifest.
221. UNITS Check the unit of measure that is most appropriate for the material being reported on this page: gallons, pounds, cubic feet or tons. NOTE: If the material is a federally defined Extremely Hazardous Substance (EHS), all amounts must be reported in pounds. If material is a mixture containing an EHS, report the units that the material is stored in (gallons, pounds, cubic feet, or tons).
222. DAYS ON SITE List the total number of days during the year that the material is on site.
223. STORAGE CONTAINER Check all boxes that describe the type of storage containers in which the hazardous material is stored. NOTE: If appropriate, you may choose more than one.
224. STORAGE PRESSURE Check the one box that best describes the pressure at which the hazardous material is stored.
225. STORAGE TEMPERATURE Check the one box that best describes the temperature at which the hazardous material is stored.
226. HAZARDOUS COMPONENTS 1-5 (% BY WEIGHT) Enter the percentage weight of the hazardous component in a mixture. If a range of percentages is available, report the highest percentage in that range. (Report components 2 - 5 in boxes 230, 234, 238, and 242.)
227. HAZARDOUS COMPONENTS 1-5 NAME When reporting a hazardous material mixture, list up to five chemical names of hazardous components in that mixture by percent weight (refer to MSDS or, in the case of trade secrets, refer to manufacturer). All hazardous components in the mixture present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, should be reported. If more than five hazardous components are present above these percentages, attach an additional sheet of paper to capture the required information. When reporting waste mixtures, list mineral and chemical composition. (Report components 2 - 5 in boxes 231, 235, 239, and 243.)
228. HAZARDOUS COMPONENTS 1-5 EHS Check "Yes" if the component of the mixture is considered an Extremely Hazardous Substance as defined in 40 CFR, Part 355, or "No" if it is not. (Report components 2 - 5 in boxes 232, 236, 240, and 244.)
229. HAZARDOUS COMPONENTS 1-5 CAS List Chemical Abstract Service numbers of the hazardous components in the mixture. (Repeat for 2-5.)
246. LOCALLY COLLECTED INFORMATION Contact your local agency about if they require additional hazardous materials inventory information.

UNIFIED PROGRAM (UP) FORM
HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(One page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE REPORTING YEAR 2012 200 Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) C.I. Printing 3

CHEMICAL LOCATION 201 | CHEMICAL LOCATION CONFIDENTIAL (EPCRA) ☐ YES ☒ NO 202

MAP# (optional) 203 | GRID# (optional) 204

FACILITY ID # FA 0027845

II. CHEMICAL INFORMATION

CHEMICAL NAME Aqueous Acidic Solution 205 | TRADE SECRET ☐ Yes ☒ No 206 (If "Yes" refer to EPCRA instructions)

COMMON NAME Photo Fixer 209 | EHS* ☐ Yes ☒ No 207

CAS# 210 | *If EHS is "Yes" all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 213

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE 211 | RADIOACTIVE ☐ Yes ☒ No 212 | CURIES 215

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214 | LARGEST CONTAINER 55 gallon 216

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217 | MAXIMUM DAILY AMOUNT 218 | ANNUAL WASTE AMOUNT 219 | STATE WASTE CODE 220

221 | DAYS ON SITE 222

UNITS* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS *If EHS, amount must be in pounds

STORAGE CONTAINER (Check one item only)
☐ a. ABOVE GROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☒ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER 223

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	80-85 226	Water 227	☐ Yes ☒ No 228	7732-18-5 229
2	10-15 230	Sodium Thiosulphate 231	☐ Yes ☒ No 232	7772-98-7 233
3	1-5 234	Ammonium Alum, dodecahydrate 235	☐ Yes ☒ No 236	7784-24-1 237
4	1-5 238	Sodium Acetate 239	☐ Yes ☒ No 240	127-09-3 241
5	1-5 242	Sodium bisulphite 243	☐ Yes ☒ No 244	7631-90-5 245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information 246

ADDITIONAL LOCALLY COLLECTED INFORMATION

If EPCRA, Please Sign Here _____
(Facilities reporting Chemicals subject to EPCRA reporting thresholds must sign each Chemical Description page for each EPCRA reported chemical.)

OFFICIAL USE ONLY	DATE RECEIVED			REVIEWED BY		
DIV	BN	STA	OTHER	DISTRICT	CUPA	PA

FIRE PREVENTION BUREAU TECHNICAL SECTION
200 NORTH MAIN STREET, RM 1780
LOS ANGELES, CA 90012

LOS ANGELES FIRE DEPARTMENT
Los Angeles Certified Unified Program Agency
(213) 978-3680

Los Angeles Fire Department
Data Entry Instruction Form (DEIF)

FOR INTERNAL USE ONLY

Date:	5-22-2013	**New Business:**	[ ]
Default Inspector:	~~CONNOLLY, SHAWN~~ MOREL, CARLOS	**Fire Station/Census:**	010
Facility ID;	FA0027845	**Insp District:**	414
Facility Name:	**C.I, PRINTING**		
Site Address:	1035 S OLIVE ST LOS ANGELES, CA 90015		

[ ] VERIFIED FACILITY PHONE NUMBER
PHONE NO: (213) 747-6747

Account Info
Account Outstanding Balance:
Number of Outstanding Invoices: 0

[ ] VERIFIED MAILING ADDRESS
MAILING ADDRESS: 1035 S OLIVE ST
(INVOICES/PERMITS) LOS ANGELES, CA 90015

ACTIVE PROGRAMS:

PE	PE DESCRIPTION	UNITS
MAIN_SITE		
1001	PR0026733 | HW GEN, 0-5 EMPLOYEES	
4500	PR0020045 | HAZ MAT INVENTORY 1 TO 3 CHEMICALS	

[ ] VERIFIED OWNER INFO
OWNER NAME: C.I. PRINTING
OWNER MAILING ADDRESS: 1035 S OLIVE ST
LOS ANGELES, CA
PHONE: (213) 747-6747

DATA ENTRY INSTRUCTION(S): Check Appropriate Boxes

- [ ] **Changes On BP 01**
- [ ] **UST Abandon Sheets**
- [ ] **Changes On Attached CUPA Form(s)**
- [ ] **Changes On BP 08**
- [ ] **UST Installation Sheets**
- [ ] **Enter Inventory on Attached CUPA Forms**

[ ] **Inactive Business** *Journal Entry should Be Included*

Reason:

[ ] **Other Instruction:** *For Examples: Combine Business Under One BP Number*

Data Entry Name: Joy E Date: Oct. 31, 2013

CITY OF LOS ANGELES
CALIFORNIA

LOS ANGELES FIRE DEPARTMENT
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 978-3880

BUSINESS INFORMATION

Printed on: 4/24/2013

INSTRUCTIONS: Please complete and sign this form; your signature indicates that the information, as supplied, is accurate.
Business Number: FA0027845 This is your current business plan number. This number must appear on all business plan forms!
Business Name : C.I, PRINTING

Business Site Address: 1035 S OLIVE ST
LOS ANGELES, CA 90015

Mailing Address 1035 S OLIVE ST
LOS ANGELES, CA 90015

Other On-Site Addresses:

Briefly describe the nature of the hazardous materials operations:

 # OF EMPLOYEES: 3

CONTACT	WORK #	24 HOUR #	PAGER #
Owner Name: C.I. PRINTING	(213) 747-6747	-	-
On-Site Manager: YOUNG SIM SHIN	(213) 700-6747	-	-
Emergency Contact: C.I. PRINTING	(213) 747-6747	[redacted]	
2nd Emergency Contact:			

Signature of Legal Business Owner/Authorized Representative | Title | Date

Business Plan has been reviewed and approved: _____

OFFICE USE ONLY Insp. ID: _____ Date: _____ D/E ID: _____ Date: _____ TS: _____

CITY OF LOS ANGELES
CALIFORNIA

LOS ANGELES FIRE DEPARTMENT
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 978-3880

Business No : **FA0027845**
First In : 010
District # : 414

Hazardous Materials System
BP-8: Computer Listing of Inventory
SubmittedInspection Responsibility: VIU

Printed on: 4/24/2013

Business Name	: C.I, PRINTING	**Business Address**	: 1035 S OLIVE ST LOS ANGELES, CA 90015
Business Owner	: C.I. PRINTING	**Phone #**	: (213) 700-6747
On-Site Manager	: YOUNG SIM SHIN	**Phone #**	: (213) 747-6747
Emergency Contact	: C.I. PRINTING	**Phone #**	:
Alt Emergency Contact	:	**SIC Code**	: 2752
Next Inspection Date:	: 6/15/2013	**Permit Date**	: 11/1/2012
# of Employees	: 3		

Total Chemicals: 1

Chemicals at Location: 1

LOCATION: [redacted]

Chemical Name	*HM Type*	*Max Quantity on Hand*	*State*	*Fed Haz Catg.*
PETROLEUM NAPHTHA SOLVENT	MIXTURE	30.00 GALLONS	LIQUID	

Container:| PLASTIC/NONMETALLIC DRUM |

↓

SOLVENT WASTE

55 gallons LIQUID

My signature indicates that I have verified and agreed with the types and quantities of hazadous materials at this address.

[FA0027845] CHEMICAL COUNT: 1

INSP SIG: X _____ INSP. DATE: _____

BUS. REP. SIG: X _____ DATE: _____

Data Date: 4/24/2013

City of LOS ANGELES
CALIFORNIA

LOS ANGELES FIRE DEPARTMENT
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 978-3680

Business No.: FA0007894
Business Name: KENNY SEARS/LOF GLASS CENTEI
Business Mailing Address: 9411 FIRESTONE BL
LOS ANGELES, CA 90241
Storage Address: 1047 S OLIVE ST

Date:
Last Inspection Date: 08/17/1993
Permit Date: 07/01/2004
RFI Request No:
RFI Requestor Name:

Chemical & Ingredients	Haz. Mat. Type	Max. Qnt on hand:	Yearly Qnt	Product Storage Type	Physical State
-		0	0		
3M "WINDO-WELD" SUPER EAST URETHANE (PART NO. 3609)(In-active) Inactivated on: 08/17/1993	a	5	30		
-		0	0		
CHEVRON THINNER 325(In-active) Inactivated on: 08/17/1993	a	50	300		
-		0	0		
RELEASE AGENT(In-active) Inactivated on: 08/17/1993	a	2	12		

City of LOS ANGELES
CALIFORNIA

LOS ANGELES FIRE DEPARTMENT
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 978-3680

Business No.: FA0007894
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RFI Request No:
RFI Requestor Name:

Chemical & Ingredients	Haz. Mat. Type	Max. Qnt on hand:	Yearly Qnt	Product Storage Type	Physical State
-		0	0		
SILICONE SPRAY(In-active) Inactivated on: 08/17/1993	a	2	12		
-		0	0		
SPRAYWAY GLASS CLEANER(In-active) Inactivated on: 08/17/1993	a	5	30		
-		0	0		
TREMCO-GENERAL PURPOSE SOLVENT AND ADHESIVE CLEANER(In-ac Inactivated on: 08/17/1993	a	2	12		

CITY LA DBS DEPARTMENT OF BUILDING AND SAFETY — Bldg Permit Review 1033-1037 S. olive St. other onsite permits reviewed 10/2014

There are two ways to request a copy of the document image.
1) By fax using the request form. Click on the following link
http://ladbs.org/LADBSWeb/LADBS_Forms/Administrative/AD-Form.01.pdf to download the request form.
2) In person. Bring the following summary to one of the following Records counters.
3) If you have any questions, please visit one of our Records Counters.

RECORDS COUNTER HOURS

MONDAY, TUESDAY, THURSDAY, FRIDAY: 7:30 AM to 4:30 PM

WEDNESDAY: 9:00 AM to 4:30 PM

Metro	Van Nuys
201, N. Figueroa St. 1st Floor, Room 110 Record Counter Los Angeles,CA 90012	6262 Van Nuys Blvd Record Counter Van Nuys,CA 91401

Address: 1033 S OLIVE ST — 1027-1033 S olive, Construct Garage & showroom 4 garages. 1027-1031 NOT located onsite, this entire bldg may have been offsite

Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame	
BUILDING PERMIT	NEW CONSTRUCTION A.C. Palfrey	6/5/1912	1912LA06493	IDIS: P5044 00923 0000 thru P5044 0001 HIST: P1026 001 1843	
BUILDING PERMIT 1029-1033 S olive	BLDG-ALTER/REPAIR A.C. Palfrey	12/7/1928 Setback Wall of Garage	1928LA33870 same bldg as 1912 permit	IDIS: P5196 02360 0000 thru P5196 0001 HIST: P1192 002 2240	
ELECTRICAL PERMIT - 1033 & 1035 S olive St.		6/4/1986	0686J5791	HIST: T0058 002 0077	
AFFIDAVIT	MISCELLANEOUS	7/2/2014	AF 140685300 - Bldg located @ NOT S Olive St. has Foundation located at 1033-1035 S olive		
BUILDING PERMIT	BLDG-ALTER/REPAIR	10/8/2014	14016-10000-20378		

owner: Shin, Young S Trust, 1035 Olive St. Applicant: Tina Hong. Existing use: Retail. Alteration to bldg Footing

CITY LA DBS
DEPARTMENT OF BUILDING AND SAFETY

There are two ways to request a copy of the document image.
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http://ladbs.org/LADBSWeb/LADBS_Forms/Administrative/AD-Form.01.pdf to download the request form.
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RECORDS COUNTER HOURS

MONDAY, TUESDAY, THURSDAY, FRIDAY: 7:30 AM to 4:30 PM
WEDNESDAY: 9:00 AM to 4:30 PM

Metro	Van Nuys
201, N. Figueroa St. 1st Floor, Room 110 Record Counter Los Angeles,CA 90012	6262 Van Nuys Blvd Record Counter Van Nuys,CA 91401

Address

Address: 1035 OLIVE

Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame	
1035 BUILDING PERMIT Flats- move house from 1035 olive to 214 W. 21st and replace a foundation	BLDG-RELOCATION	6/12/1913	1913LA08069 Sam Mythis	IDIS: P5058 02499 0000 thru P5058 0001 HIST: P1032 002 2345	
1035-1043 BUILDING PERMIT Construct a new store, 6 rooms	NEW CONSTRUCTION Harms Realty & Bldg Co.	6/19/1913	1913LA08362	IDIS: P5059 00090 0000 thru P5059 0001 HIST: P1033 001 0179	
1037 BUILDING PERMIT	BLDG-NEW- 1 story	7/19/1913	1913LA08362 No additional info (N/I)	HIST: P1033 001 0179	
1035-37 BUILDING PERMIT Harms Realty Bldg Co. T/I to store (entire bldg, 15 from 1035-1045 s olive)	BLDG-ALTER/REPAIR	7/24/1914	1914LA15170	IDIS: P5067 00835 0000 thru P5067 0001 HIST: P1041 001 2108	
1039 BUILDING PERMIT owner: illegible T/I - Change show window	BLDG-ALTER/REPAIR	11/24/1916	1916LA06952	IDIS: P5079 02403 0000 thru P5079 0001 HIST: P1053 002 1650	
1039 BUILDING PERMIT store T/I - toilet J. Banning	BLDG-ALTER/REPAIR	12/21/1925	1925LA43094	IDIS: P5035 02250 0000 thru P5035 0001 HIST: P1155 002 1300	
1035 BUILDING PERMIT J. Banning T/I stores	BLDG-ALTER/REPAIR	1/4/1929	1929LA00421	IDIS: P5197 01569 0000 thru P5197 0001 HIST: P1194 001 0849	
1035 BUILDING PERMIT Banning Estate, T/I stores	BLDG-ALTER/REPAIR	7/11/1930	1930LA16124	IDIS: P5214 01404 0000 thru P5214 0001 HIST: P1210 001 2808	
1039 BUILDING PERMIT owner: Automobile Insurance underwriters - T/I - Store insurance, temp. partition	BLDG-ALTER/REPAIR	12/14/1931	1931LA26381	IDIS: P5229 01630 0000 thru P5229 0001 HIST: P1225 002 0260	
1035-39 BUILDING PERMIT Carl Schultz 40x80 bldg, brick, with stores, T/I - division wall	BLDG-ALTER/REPAIR	1/3/1936	1936LA00258	IDIS: P5259 00913 0000 thru P5259 0001 HIST: P1255 001 0515	
1035 Heirs of J. Banning - stores - roof repair		1/25/34			

Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame
BUILDING PERMIT T.R. King & Co., store, build partition	BLDG-ALTER/REPAIR	5/16/1945	1945LA06824	IDIS: P5385 02356 0000 thru P5385 0001 HIST: P1370 001 2358
BUILDING PERMIT T.R. King Co. bldg use: Film Vault 5x20 unit, erect	BLDG-NEW	5/16/1945	1945LA06825 Symbol on maps new structure. Must have been in the "Celluloid Storage" noted	IDIS: P5385 02357 0000 thru P5385 0001 HIST: P1370 001 2359
CERTIFICATE OF OCCUPANCY T.R. King Co. Type III-A		10/30/1946 50'x80', store, office	1945LA06824	IDIS: O0706 00255 0000 HIST: O481
BUILDING PERMIT T.R. King Co. New storage bldg	BLDG-NEW 16' x 60', 1 story, brick	6/10/1947 Existing property line	1947LA20473	IDIS: P5423 01315 0000 thru P5423 0001 HIST: P
CERTIFICATE OF OCCUPANCY	1 story, Type III A, storage (furn)	8/29/1947 16'x60'	1947LA20473	IDIS: O0706 00252 0000 HIST: O481
BUILDING PERMIT T.R. King & Co. present use: Industrial T/I	BLDG-ALTER/REPAIR	7/29/1948	1948LA23065	IDIS: P5451 02529 0000 thru P5451 0001 HIST: P1413 001 2528
BUILDING PERMIT M.C. Anderson, warehouse - present occupancy Fr 7 years, 1 sales bldg, 1 storage, 1 films storage	BLDG-ALTER/REPAIR	4/20/1953	1953LA60120 construct addition 17'x41' brick to storage bldg	IDIS: P5560 01982 0000 thru P5560 0001 HIST: P
BUILDING PERMIT M.C. Anderson, Alter street parking along alley st. 2 bldgs ea. store, storage	BLDG-ALTER/REPAIR	5/14/1953	1953LA61032	IDIS: P5561 00087 0000 thru P5561 0001 HIST: P1484 001 3366
CERTIFICATE OF OCCUPANCY M.C. Anderson 1-story Type III-A, 17'x62' addition & existing warehouse		7/30/1953	1953LA60120	IDIS: O0706 00250 0000 HIST: O481 HIST: O212 1 0517
BUILDING PERMIT M.C. Anderson - Manufacturing & Sales - Casino equipment, 3 bldgs on site - NO STR	BLDG-ALTER/REPAIR	8/7/1953	1953LA66414 changes per LADBS instructions	IDIS: P5562 02369 0000 thru P5562 0001 HIST: P1485 002 1829
CERTIFICATE OF OCCUPANCY T.R. King & Co. Date issued - 9/22/47 1 story, Type I Film Vault, E occupancy		11/9/1953	1945LA06825	IDIS: O0706 00254 0000 thru O0706 00254 0001 HIST: O481 HIST: O212 1 0524
CERTIFICATE OF OCCUPANCY M.C. Anderson - Alteration to Convert portion of 50'x80' commercial		11/9/1953 Bldg to 15'x25' Grinding & Processing Room (Group H-2 Hazardous)	1953LA66414 Max $50 lbs	IDIS: O0706 00251 0000 HIST: O481 HIST: O212 1 0518
BUILDING PERMIT Charles & Paul Endy, install interior partitions 2 bldgs on site - mfg & machine shop/sales	BLDG-ALTER/REPAIR	10/6/1972 NO	1972LA59054	IDIS: P5924 01494 0000 thru P5924 0001 HIST: P1804 001 3020
BUILDING PERMIT T/I mfg	ALTERATION	10/10/1972	1972LA59054	HIST: P1804 001 3020
BUILDING PERMIT Addition mfg	BLDG-ADDITION	10/10/1972	1972LA59549	HIST: P1804 002 0944
BUILDING PERMIT Charles Endy, install metal canopy & connect 2 bldgs,	BLDG-ALTER/REPAIR	10/16/1972 change occ from E1 to 61	1972LA59549 mfg use	IDIS: P5924 01990 0000 thru P5924 0001 HIST: P1804 002 0944
CERTIFICATE OF OCCUPANCY Charles Endy 9'7" x 14' canopy addition & connect 2 existing	change occ. of 22'x7' vault E1 occupancy to S-1 occupancy	1/17/1973 bldgs to make a 65'x47' irregular shaped mfg. bldg.	1972LA59549	IDIS: O0518 01518 0000 HIST: O2993 0507
BUILDING PERMIT N/I mfg		6/30/1976	1976LA29797	HIST: 00000 000 0000
BUILDING PERMIT N/I mfg	ALTERATION	7/10/1976	1976LA29797	HIST: P1831 004 0669
BUILDING PERMIT N/I mfg		7/31/1976	1976LA31162	HIST: 00000 000 0000
BUILDING PERMIT "	ALTERATION	8/10/1976	1976LA31162	HIST: P1832 002 1750
RANGE FILE N/I	MISCELLANEOUS	3/5/1981		HIST: R0113 007 0367
BUILDING PERMIT existing use: Yon Chul Shin - store & mfg. Proposed use: same & packaged food store 50'x88' store	BLDG-ALTER/REPAIR	4/21/1981 change store & packaged food store	1981LA22450	IDIS: P6023 02084 0000 thru P6023 0001 HIST: P1874 002 0539
MECHANICAL PERMIT N/I	ELEVATOR/PRESSURE VESSEL	10/28/1985	1085K389	HIST: T0036 001 0221

T/I = Tenant improvement
N/I = No additional information

Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame	
ELECTRICAL PERMIT N/I		6/4/1986	0686J5791	HIST: T0058 002 0077	
MECHANICAL PERMIT N/I	HVAC	7/21/1986	0786C397	HIST: 00000 000 0000	
COMMISSION N/I	BAAB BOARD LETTER	5/2/1989	BF 890881	HIST: B0159 009 0356	
COMMISSION "	BAAB BOARD FILE	12/31/1989	BF 890881	HIST: B0218 008 0207	
ADMINISTRATIVE APPROVAL	MISCELLANEOUS	6/7/1990 Extension of Time		HIST: B0169 002 0380	
BUILDING PERMIT N/I	ALTERATION	6/14/1990	1990HO06874	HIST: P0289 002 0502	
PLAN MAINTENANCE Full Compliance Div 88		6/14/1990	1990HO06874	HIST: J0390 001 0919	
ADMINISTRATIVE APPROVAL N/I	MISCELLANEOUS	10/17/1991		HIST: B0189 003 0209	
EQ-COMPLIANCE CERT Class Rating III-B, 1-story		12/30/1991 Type III-N	1990HO06874 50'x68' Brick bldg	HIST: M0735 005 0059	
PERMIT ADDRESS CHANGE	BUILDING	5/18/1998	97016-10000-18063	HIST: P0662 007 0075	
AFFIDAVIT	MISCELLANEOUS	7/2/2014	AF 140685300		

1033, 1035, 1039, 1041

Address includes 1039-1041 olive st. Bldg Permit 97016-10000-18063 issued on 8/13/97, incorrectly showed address as 1041 olive St. S Bldg located @ 1041 Solive St. has Foundation located @ 1033-1035 Solive St.

No permits for 1035 olive that are different from the 1035 list

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
205 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information

Hazardous Materials Records

* COMPLETE ONE FORM FOR EACH ADDRESS

Request Date: 2-18-14

Requestor's Name: [illegible] Fax #: (951) 296-0534

Company/Agency: Lexington Real Estate Ph. #: (951) 252-8927

Address: 1001 Corporate Pointe Unit/Ste. #: 103

City: [illegible] State: CA Zip: 92590

Information is requested for

☐ Active Facilities Only

Check all that apply: ☑ Inventory Summary ☑ Review File (appt. required)

Business Name: [illegible]

Storage Address: 1001 West 6th Street Unit/Ste. #:

City: Los Angeles State: CA Zip: 90015

Reason for Request: Due Diligence

FOR OFFICE USE ONLY

☒ NO INFORMATION ON FILE
HARD FILE DESTROYED

☐ INFORMATION ON FILE

TECHNICAL SECTION
RECEIVED
Data Mgmt. Unit

Facility I.D. No.:
Request No.:
Processed Date: OCT 21 2014
APPT. TO REVIEW FILE:

Processor Signature: By: SD

Allow 5 working days for processing

Fee Schedule:

Inventory Summary	$11.00
Request Review File Copies:	
Initial Fee	$ 1.10
# of pgs. ____ x $0.10 =	$
TOTAL:	$

Leighton and Associates, Inc.
A LEIGHTON GROUP COMPANY

October 16, 2014

Environmental Programs Division
LADCPW
900 Fremont Avenue
Alhambra, California
FACSIMILE: (626) 458-3569

Subject: **File Review**

Dear File Review:

Leighton and Associates, Inc. (Leighton) is requesting information for the following addresses:

- **1035, 1037, 1039, 1041 and 1043 South Olive Street, Los Angeles, CA 90015**

170 files found

We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely

LEIGHTON AND ASSOCIATES, INC.

Kristin Stout
Sr. Project Scientist
(951) 252-8927 (phone)
(951) 296-0534 (fax)
kstout@leightongroup.com

Leighton and Associates, Inc.
A LEIGHTON GROUP COMPANY

October 16, 2014

Environmental Programs Division
LADCPW
900 Fremont Avenue
Alhambra, California
FACSIMILE: (626) 458-3569

Subject: **File Review**

Dear File Review:

Leighton and Associates, Inc. (Leighton) is requesting information for the following addresses:

- **1045, 1047, 1049, 1051, 1053, 1055, 1057 and 1059 South Olive Street, Los Angeles, CA 90015**
- **315 West 11th Street, Los Angeles, CA 90015**

} no files found

We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely

LEIGHTON AND ASSOCIATES, INC.

Kristin Stout
Sr. Project Scientist
(951) 252-8927 (phone)
(951) 296-0534 (fax)
kstout@leightongroup.com

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 200 NORTH MAIN ST., 17TH FLR. RM. 1700
NEW OFFICE# - 213-978-3700 NEW FAX# - 213-978-3707

PLEASE GIVE US 7 TO 10 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: (951) 252 8927 FAX #/EMAIL: (951) 296-0534 kstout@leightongroup.com

NAME OF REQUESTER (PLEASE PRINT): Kristin Stout

REPRESENTING (COMPANY NAME): Leighton and Associates Inc

SIGNATURE: _____ DATE: 10/16/14

DRIVER LIC NO: A3842063 EXP: 10/15/15

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 316 West 11th Street, Los Angeles 90015

REASON FOR REQUEST: Due diligence

NO COPY SERVICES ALLOWED

FOR OFFICE USE ONLY:

☐ REVIEW ONLY (NO COPIES)

☐ REQUEST COPIES

NUMBER OF PAGES: _____

X .10 ¢

= _____

+ $11.00

TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
16TH FL, 200 N. MAIN (REV CODE #3887)

NO FILE FOUND

Kristin Stout

From:	Gallardo, Laura@Waterboards <Laura.Gallardo@waterboards.ca.gov>
Sent:	Tuesday, October 28, 2014 4:12 PM
To:	Kristin Stout
Cc:	Gallardo, Laura@Waterboards
Subject:	File Review Request/Tracking No. 2014102110

********* Please submit future file review requests to the LARWQCB via e-mail to RB4-publicrecords@waterboards.ca.gov.*********

Thank you for your request to review Regional Board records concerning the property on

- 1035, 1037, 1039, 1041 and 1043 South Olive Street, Los Angeles, CA 90015
- 1045, 1047, 1049, 1051, 1053, 1055, 1057 and 1059 South Olive Street, Los Angeles, CA 90015
- 315 West 11th Street, Los Angeles, CA 90015

The Regional Board has reviewed its files and has concluded that it does not have any records that are responsive to your request.

Laura C. Gallardo
Associate Analyst
213.576.6636 (DIRECT)
213.576.6676 (FAX)

Public Records and Freedom of Information Act Rb4-Publicrecords@waterboards.ca.gov<mailto:Rb4-Publicrecords@waterboards.ca.gov>

****
This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

COUNTY OF LOS ANGELES
Public Health

CYNTHIA A. HARDING, M.P.H.
Interim Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
Interim Health Officer

Public Health Investigation Administration
LEOLA MERCADEL
Chief, Public Health Investigation

5555 Ferguson Drive, Suite 120-04
Commerce, California 90022
TEL (323) 890-7801 • FAX (323) 728-0217

www.publichealth.lacounty.gov

BOARD OF SUPERVISORS

Gloria Molina
First District

Mark Ridley-Thomas
Second District

Zev Yaroslavsky
Third District

Don Knabe
Fourth District

Michael D. Antonovich
Fifth District

October 24, 2014

LEIGHTON CONSULTING, INC.
KRISTIN STOUT
41715 ENTERPRISE CIRCLE N., STE 103
TEMECULA, CA 92590

RE: 315 W. 11TH ST., LOS ANGELES, CA 90015

I, the undersigned, being the Custodian or the Keeper of Records, certify that a thorough search for the records you requested was carried out under my direction and control.

This search revealed no records.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or under another classification. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

If you have any questions regarding your request, please contact our office at (323) 890-7806.

Sincerely,

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

COR ID No.146129

COUNTY OF LOS ANGELES
Public Health

CYNTHIA A. HARDING, M.P.H.
Interim Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
Interim Health Officer

Public Health Investigation Administration
LEOLA MERCADEL
Chief, Public Health Investigation

5555 Ferguson Drive, Suite 120-04
Commerce, California 90022
TEL (323) 890-7801 • FAX (323) 725-0217

www.publichealth.lacounty.gov

BOARD OF SUPERVISORS

Gloria Molina
First District

Mark Ridley-Thomas
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Zev Yaroslavsky
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Don Knabe
Fourth District

Michael D. Antonovich
Fifth District

October 28, 2014

LEIGHTON CONSULTING, INC.
KRISTIN STOUT
41715 ENTERPRISE CIRCLE N., STE 103
TEMECULA, CA 92590

RE: 1035, 1037, 1039, 1041 & 1043 S. OLIVE ST., LOS ANGELES, CA 90015

I, the undersigned, being the Custodian or the Keeper of Records, certify that a thorough search for the records you requested was carried out under my direction and control.

This search revealed no records.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or under another classification. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

If you have any questions regarding your request, please contact our office at (323) 890-7806.

Sincerely,

Christian Sten, Deputy Health Officer
Public Health Investigation

COR ID No.146127

COUNTY OF LOS ANGELES
Public Health

CYNTHIA A. HARDING, M.P.H.
Interim Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
Interim Health Officer

Public Health Investigation Administration
LEOLA MERCADEL
Chief, Public Health Investigation

5555 Ferguson Drive, Suite 120-04
Commerce, California 90022
TEL (323) 890-7801 • FAX (323) 728-0217

www.publichealth.lacounty.gov

BOARD OF SUPERVISORS

Gloria Molina
First District

Mark Ridley-Thomas
Second District

Zev Yaroslavsky
Third District

Don Knabe
Fourth District

Michael D. Antonovich
Fifth District

October 28, 2014

LEIGHTON CONSULTING, INC.
KRISTIN STOUT
41715 ENTERPRISE CIRCLE N., STE 103
TEMECULA, CA 92590

RE: 1045, 1047, 1049, 1051, 1053, 1055, 1057 & 1059 S. OLIVE ST., LOS ANGELES, CA 90015

I, the undersigned, being the Custodian or the Keeper of Records, certify that a thorough search for the records you requested was carried out under my direction and control.

This search revealed no records.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or under another classification. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

If you have any questions regarding your request, please contact our office at (323) 890-7806.

Sincerely,

Christian Sten, Deputy Health Officer
Public Health Investigation

COR ID No.146128

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Miriam Barcellona Ingenito
Acting Director
9211 Oakdale Avenue
Chatsworth, California 91311

Edmund G. Brown Jr.
Governor

October 23, 2014

Ms. Kristin Stout
Leighton Consulting, Inc.
41715 Enterprise Circle N., Suite 103
Temecula, CA 92590-5661

VARIOUS SITES
PR3-102114-04

Dear Ms. Stout:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities referenced below.

- 1045, 1047, 1049, 1051, 1053, 1055, 1057 and 1059 South Olive Street, Los Angeles, CA 90015
- 315 West 11th Street, Los Angeles, CA 90015
- 1035, 1037, 1039, 1041 and 1043 South Olive Street, Los Angeles, CA 90015

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions or would like further information regarding your request, please contact me at (818) 717-6521.

Sincerely,

Vivien Tutaan/cs
Regional Records Coordinator

Printed on Recycled Paper

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Miriam Barcellona Ingenito
Acting Director
5796 Corporate Avenue
Cypress, California 90630

Edmund G. Brown Jr.
Governor

October 23, 2014

Ms. Kristin Stout
Leighton and Associates, Inc.
41715 Enterprise Circle N., Suite 103
Temecula, California 92590-5661

VARIOUS SITES:
PR410221406

Dear Ms. Stout:

The Department of Toxic Substances Control has received your fax/letter to review records, under the Public Records Act.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities reference below:

SEE ATTACHED:

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: **http://www.envirostor.dtsc.ca.gov/public**. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions, or would like further information regarding your request, Please contact our Regional Records Coordinator at: (714) 484-5336.

Sincerely,

Jone Barrio
Regional Records Coordinator
Cypress Administrative Services

brm

Printed on Recycled Paper

No #2 Sites

Leighton and Associates, Inc.
A LEIGHTON GROUP COMPANY

October 16, 2014

Ms. Jone Barrio
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, CA 90630
(714) 484-5300 (Phone)
VIA FACSIMILE: (714) 484-5318

Subject: **File Review**

Dear Ms. Barrio:

Leighton and Associates, Inc. (Leighton) is requesting information for the following addresses: 1029, 1031, 1033, 1035, 1037, 1039, 1041, 1043 > N/R

- **1045, 1047, 1049, 1051, 1053, 1055, 1057 and 1059 South Olive Street, Los Angeles, CA 90015**
- **315 West 11th Street, Los Angeles, CA 90015** > N/R

N/R

We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely

LEIGHTON AND ASSOCIATES, INC.

Kristin Stout
Sr. Project Scientist
(951) 252-8927 (phone)
(951) 296-0534 (fax)
kstout@leightongroup.com

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
OCT 20 2014
DATE RECEIVED CYPRESS OFFICE

PR4-102214-06 NO

17

CITY OF LOS ANGELES
CALIFORNIA

BOARD OF PUBLIC WORKS
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VAROUJ S. ABKIAN
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ALEXANDER E. HELOU
ASSISTANT DIRECTORS

VACANT
CHIEF FINANCIAL OFFICER

INDUSTRIAL WASTE
MANAGEMENT DIVISION
2714 MEDIA CENTER DRIVE
LOS ANGELES, CA 90065
OFFICE: (323) 342-6200
FAX: (323) 342-6111

21-Oct-14
Kristin Stout

Leighton Consulting, Inc.
41715 Enterprise Circle N, Suite 103
Temecula, CA. 92590

INDUSTRIAL WASTE DISCHARGE PERMIT INFORMATION

Your request to research our files for Industrial Waste Discharge permit information was done by my staff. Our records show the following findings:

[X] No permit on file for: **1035, 1037, 1039, 1043, 1045, 1049, 1051, 1053, 1055, 1057, 1059 S. Olive St., Los Angeles, CA. 90015**
315 W. 11th St., Los Angeles, CA. 90015

[X] Permits have been issued for: **1041, 1047 S. Olive St., Los Angeles, CA. 90015**

(see attachments)

[X] No citation have been issued for the past 5 years.

[ ] Yes, citations have been issued (see attachments).

The cost of generating this report is $ **$1.20**

Please remit a check in the above amount, payable to "Department of Public Works", and mail to:

Bureau of Sanitation
Industrial Waste Management Division
2714 Media Center Drive
Los Angeles, CA 90065
Attn: Admin Inspection Group

If you have any questions, please contact Ramy Sharobeem of my staff at (323) 342-6064.

Sincerely,
ENRIQUE C. ZALDIVAR, Director
Bureau of Sanitation

By: Bellete W. Yohannes

Bellete Yohannes, Chief Env. Compliance Inspector II
Industrial Waste Management Division

C: Attachment [X] yes [ ] no

Ramy Sharobeem

Recyclable and made from recycled waste

Form 1103—1M Sets—12-57

DEPARTMENT OF PUBLIC WORKS
Bureau of Sanitation
SEWER MAINTENANCE DIVISION
Room 750 City Hall, Los Angeles 12
MIchigan 5211, Station 758

CITY OF LOS ANGELES

California

PERMIT W 16814

July 25, 19 58

INDUSTRIAL WASTE PERMIT

Revocable permission is hereby granted to

Mitchell and Herb Engraving Company, Incorporated (37) (Name of Firm or Individual)

1041 South Olive Street (Address)

to discharge the following indicated class or classes of industrial waste liquids ~~from~~ stated to be 3150 (4) gallons per 24-hour day from:

Process "A" - Photographic Developing;

Process "B" - Plate Etching;

from the premises located at 1041 South Olive Street

into the 14-inch clay pipe sewer in that street

subject to the conditions marked (x) on the reverse side of this sheet and to the further condition that the permittee agrees to take such additional steps in the future as may then be required by the Director or his authorized representative to prevent any damage, danger, or nuisance from the introduction of these waste liquids into the receiving system.

RECOMMENDED:

STERLING C. BUESCH
Industrial Waste Engineer

APPROVED:

W. A. SCHNEIDER, Director
Bureau of Sanitation

By ALVIN A. APPEL
Sewer Maintenance Superintendent

This permit becomes effective upon receipt of the fee of $10.00

W-16814

Form 1101—100 Pads—11-67 (G 39, 40)

CITY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUREAU OF SANITATION
INDUSTRIAL WASTE CONTROL SECTION

PHONE
624-5211
Ext. 1253

APPLICATION FOR INDUSTRIAL WASTE PERMIT

W337 17

W-Number

See Reverse Side for Fee Schedule
(Submit in Duplicate)

RECEIVED MAY 1 0 1969

1. Firm Name: National Auto Glass Company (19)
2. Type of Business: Auto Glass Replacement — PHONE: 749-1371
3. Installation Address: 1047 So. Olive Street, Los Angeles, Calif. — NUMBER & STREET — ZIP CODE: 90015
4. Mailing Address: 1047 So. Olive St. — NUMBER & STREET; Los Angeles — CITY; Calif. — STATE; 90015 — ZIP CODE
5. Processes Involved: Re-Sealing Auto Glass - Testing Cars for Leaks

Chemical and physical characteristics of waste discharge: Water & Dirt

7. Name of Applicant or Representative of Firm: Jack R. Lewis, Partner (PLEASE PRINT)

Signature: Jack R. Lewis Date: 3-6-69

(OVER) **DO NOT WRITE BELOW THIS LINE** (OVER)

DO NOT WRITE IN THIS SPACE

New	X
Revision	
Change of Ownership	
Sewer	X (1)
S.D.	
Watercourse	
Other	
G. G.	
Seats:	
Grease Trap	
Max. gpm	4
Total gpd	400 (1)
Sec. 64.30	X
Sec. 64.31	
Class	1 (1)
District	3

8. Size and location of sewer, S.D. or other: 14 INCH SEWER IN OLIVE ST.
9. Waste Processes: (32) (77) ( ) ( ) ( ) AUTOMOBILE PARTS WASHING (— WINDOW WASHING —) FLOOR WASHING
10. Required Treatment: (02) ( ) ( ) CLARIFICATION
11. Required Treatment Facility: (19) ( ) ( ) 12" X 12" X 12" SUMP
12. Additional Information: THIS COMPANY REPLACES GLASS WINDOWS IN CARS. THERE IS VIRTUALLY NO GLASS GRINDING.
13. Submitted by Inspector: Stephen J Durchon Date: 3-11-69 ~~4/1/69~~
14. Recommended by Senior Inspector: Kenneth E Berry Date: 3-12-69
15. Approved by Principal Inspector: Charles H Sheridan Date: 3-26-69

16. APPLICANT: A permit is issued subject to conditions shown hereon and is revocable at any time for non-compliance with the regulating provisions of the Los Angeles Municipal Code or any policy of the Board of Public Works adopted pursuant thereto.

(OVER)

NORTH CENTRAL DISTRICT ENTERED APR 1969

CITY OF LOS ANGELES
CALIFORNIA

BOARD OF
BUILDING AND SAFETY
COMMISSIONERS

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E. FELICIA BRANNON
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MAYOR

DEPARTMENT OF
BUILDING AND SAFETY
201 NORTH FIGUEROA STREET
LOS ANGELES, CA 90012

RAYMOND S. CHAN, C.E., S.E.
GENERAL MANAGER

FRANK BUSH
EXECUTIVE OFFICER

Date: 10/29/14

Name: Kewton Stout **Fax Number:** 951. 296. 0534

REGARDING RESEARCH REQUEST FOR:
1. 1029-35 S. Olive St
2. 1037-45 S. Olive St
3. 1047-49 S. Olive St
4. 315 W. 11th / 1051-57 S. Olive St

Please submit the following:

_x_ Please remit $ 85.90 for 161 copies.

Return this letter in the mail, to the address below, with your check or money order payable to **City of Los Angeles** to the attention of the Records Section. Please include an address to where you would like the completed request to be mailed.

OR

_x_ Visit our office at the address below to pick up your completed request.
Send a self-addressed, stamped envelope large enough to accommodate 161 copies.

****PLEASE NOTE:** Completed requests that have had no response within 30 working days of this letter will be discarded and are subject to submission of a new request.

We are unable to process your research request for the following reason(s):

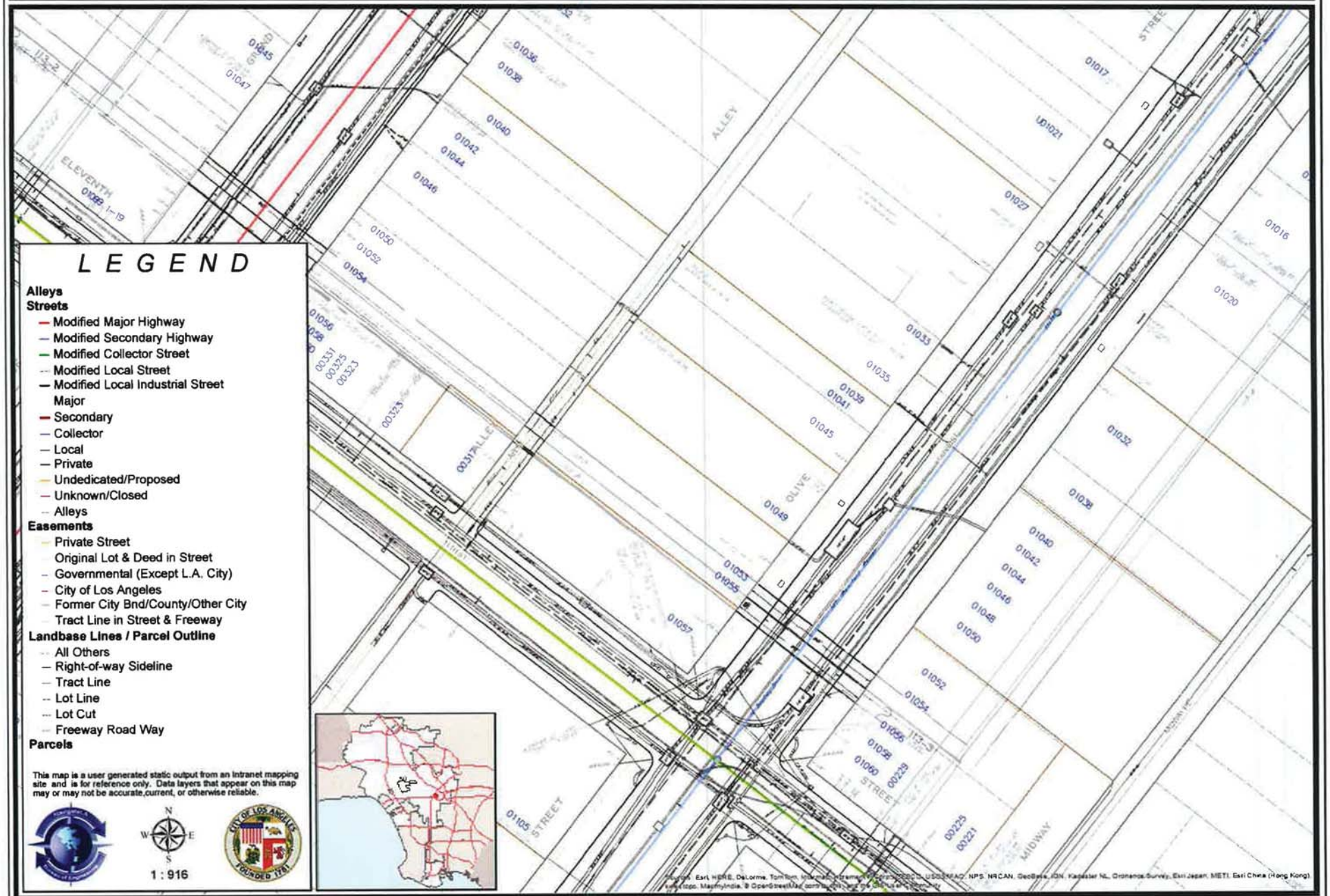
___ Address is not located in the City of Los Angeles

___ Address not found and/or the additional information is necessary to process your request

For further assistance, please call (213)482-6899. Correspondence should be sent to the following address:

City of Los Angeles
Department of Building & Safety
Records Section ATTN: Sharon
201 N. Figueroa Street, Lobby Rm 110
Los Angeles, CA 90012

Substructure Map



RITA SHIN

12-1202

CI PRINTING

1035 S. OLIVE STREET
LOS ANGELES, CA 90015

213. 747. 5769 TEL
213. 747. 5060 FAX

- LABEL (STICKER)
- LASER FORM
- HANG TAG
- INVOICE
- ENVELOPE
- BUSINESS CARD

COMPUTER INVOICE

Los Angeles County Fire Dept • Health Hazardous Materials Division
Certified Unified Program Agency • Participating Agency

LOG SHEET

BUSINESS NAME: CI Printing		# FA0019141
ADDRESS: 1035 S. Olive Street 90015		
DATE	**HMS INIT.**	**FINDING/ REMARKS**
12-02-05	AEM	Routine HW inspection. No significant violations observed during inspection.
3/11/09	SV	Routine inspection conducted. NOV issued and abated at the time of inspection. File.
8/12/14	[illegible]	NOI conducted. File

COMPANY / NAME

_____

or attach business card

Address _____

_____

Phone ( ) _____

PLANT VISIT

HAZARDOUS WASTE MANAGEMENT
CONTROL PROGRAM
Los Angeles County Fire Department
Division of Forester & Fire Warden

PHL _____ Code _____ 225 ____

DATE:	INITIAL	FINDINGS/REMARKS 100 Kg = 220 pd = 27 gal
3-30-92	D	001, 012, 028 Inspection NOV issued
		for Type III violations. labels,
		EPA #, Transportion Box Fix. D
9-1-92	D	003 does not EPA # has form,
		D helped to fill out EPA form.
		for ~~the~~ mon back D
		~~#1c~~ for reasonable compliance
		Hold. for EPA # to allow the transfer
		& disposal of H.W. D
12/1/93	EW	001, NOV — OWNER BELIEVED THAT FIXER WAS OK TO
		DISPOSE OF. EXPLAINED TO OWNER & FIXER SALESPERSON
		THAT ANY IN THE USED FIXER WAS THE HAZ. WASTE.
		GAVE HIM LIST OF RECLAIMERS & HE WILL TALK TO SOME
		PHOTO SUS. RE: OTHER RECLAIMERS (SREEKS PRIMARILY KILLERS)
2/22/94	EW.	003 → ABATE. 5g. CONTAINER & CONTRACT
		& TSM. RECOVERY.
9/28/94	MrVt	OVL — NO VIOL.
12-12-02	(TT)	JOINT INSPECTION W/ INSPECTOR WITH TRAINEE. ROUTINE
		INSPECTION REVEALED NO SIGNIFICANT VIOLATIONS.
		COPY OF FIXER RECEIPT WILL BE MAILED TO
		OUR OFFICE.
		OK TO FILE (TT)

LA County Fire Department
Facility Information Report

OWNER FILE INFORMATION

☐ Ownership change: _____ (Effective Date) ☐ Update ☐ Out of Business _____ (Effective Date)

Owner ID: OW0019141
Owner Name: YOUNG SHIN — Tax ID :
Owner DBA: CI PRINTING — Drvr Licns : N8701764
Owner Address:

Work/Business Phone: Not Specified
Billing/Mailing Address: 1035 S OLIVE ST
LOS ANGELES, CA 90015
ATTN/Care of:
Ownership Type:

CERS Tracking:
User Login: Status: Date:
Note:

FACILITY FILE INFORMATION

CERS ID:

Facility ID: FA0019141 — Account ID: AR0019142
Facility Name: CI PRINTING
No. of Employee: 4
Site Location: 1035 S OLIVE ST
LOS ANGELES, CA 90015
EPA ID CAL000090993
Phone: 213-747-6747
CERS #
Mailing Address: 1035 S OLIVE ST
LOS ANGELES, CA 90015
Operator/Care of: — E-Mail : Not Specified
District: C - CENTRAL
City Code: LAC LOS ANGELES
CUPA Jurisdiction: LA
Operating Hours: Days: M-F Hours: 8:30 - 5
SIC Code: 2752 - Commercial Printing, Lithographic
Business Type / Code:
Station: LFD

0039410

GENERAL HEALTH PROGRAM ELEMENTS

Record ID	Current Program Element	Current Status	# of Unit	Effective Date Beg.	Effective Date End	Changes: Program Element	Changes: Status
PR0030497	1001 - HW GEN, 0-5 EMPLOYEES	Active, billable		07/01/92			
PR0076427	8040 - CALIFORNIA ELECTRONIC REPORTING SUBC HARG	Inactive non-billable					

Add Program Element:

Program Element _____ Status _____ Effective Date _____ Program Element _____ Status _____ Effective Date _____

CA Waste Code					
RCRA Waste Code					
AMOUNT per quarter					
UNITS (PGTY) Pounds, Gallons, Tons, Yards					

CONSENT GIVEN BY: _____ INSPECTOR SIGNATURE: _____ EMPLOYEE ID: _____

1st DATE & TIME OF INSPECTION: _____ 2nd DATE & TIME OF INSPECTION: _____

3rd DATE & TIME OF INSPECTION:

LA County Fire Department
Facility Information Report

Field Notes

LIST ORDER OF INSPECTION AS FOLLOWS: I. OPENING CONFERENCE II. WALK THROUGH III. DOCUMENTS IV. CLOSING CONFERENCE V. VIOLATIONS

8/12/14 - I - Young Shin - consent - some process 20 yrs

II - General printing shop - No silver recovery unit

1-55G - photo chemical waste - 3/4 full
1-30G - solvent waste - almost empty
2-5G - contaminated towels.

III - Towels service every other week
Bill of lading;
Commodity Resource & Envi 12/20/13 - [illegible] off set
silver photochemicals 55G
SQG Specialist Inc. 2/28/14 400 lbs
cleaning compound (solvent)

CUPA - permit - 2014

IV - HW management info given.

V - No violations observed.

CONSENT GIVEN BY: _____ INSPECTOR SIGNATURE: _____ EMPLOYEE ID: 165

1st DATE & TIME OF INSPECTION: _____ 2nd DATE & TIME OF INSPECTION: _____

3rd DATE & TIME OF INSPECTION:

Matthew Rodriquez
Secretary for
Environmental Protection

Department of Toxic Substances Control

Miriam Barcellona Ingenito
Acting Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Edmund G. Brown Jr.
Governor

EPA ID PROFILE

Map

ID Number: CAL000090993 **Name :** C I PRINTING

Status: ACTIVE **Inactive Date:** **Record Entered:** 12/21/1992 **Last Updated:** 09/12/2001

County: LOS ANGELES **NAICS:** 4221 **SIC:**

	Name	Address	City	State	Zip Code	Phone
Location	C I PRINTING	1035 S OLIVE ST 34.041802 -118.260056	LOS ANGELES	CA	900150000	
Mailing		1035 S OLIVE ST	LOS ANGELES	CA	900150000	
Owner	C I PRINTING LLC	1035 S OLIVE ST	LOS ANGELES	CA	900150000	2137476747
Operator/ Contact	YOUNG SIM SHIN OWNER	1035 S OLIVE ST	LOS ANGELES	CA	900150000	2137476747

Based ONLY upon ID Number **CAL000090993**

Calif. Manifests ?	Non Calif. Manifests ?	Transporter Registration ?
YES	NO	NO

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

COUNTY OF LOS ANGELES FIRE DEPARTMENT
HEALTH HAZARDOUS MATERIALS DIVISION

INSPECTION REPORT

CERTIFIED UNIFIED PROGRAM AGENCY • PARTICIPATING AGENCY

5825 RICKENBACKER ROAD, COMMERCE, CA 90040
PHONE: (323) 890-4107 FAX: (323) 724-5976

BUSINESS: C1 Printing	OWNER: Young Shin	DATE: 8/12/14
ADDRESS: 1055 S. Olive St, Los Angeles 90015		FACILITY ID: 19141

The following requirements, if applicable, have been inspected. This document constitutes a summary of violations and notice to comply if the violation column (V) is checked. ***References:*** *Titles 19 and 22 of the California Code of Regulations (CCR); Chapters 6.5, 6.67, and 6.95 of the California Health and Safety Code (HSC); Titles 11 and 12 of the Los Angeles County Code (Co Ord); and Title 40 of Federal Regulations (CFR).* ***NOTE:*** *For all CFR sections refer to CCR 66262.34(d)(2) for applicability.*

INSPECTION TYPE: ☐ INITIAL ☐ RE-INSPECTION ☐ OTHER:

	V	HAZARDOUS WASTE (HW) GENERATOR	SECTION		V	HAZARDOUS WASTE GENERATOR	SECTION
1		HW accumulation time	22CCR12 66262.34(a-d)	27		HW analysis retained for 3 years	22CCR12 66262.40(c)
2		Satellite accumulation	22CCR12 66262.34(e)	28		HW determination	22CCR12 66262.11
3		HW labeling	22CCR12 66262.34(f)	29		Proper disposal of HW	HSC 6.5 25189.5(a)
4		Hazardous materials storage and labeling	22CCR11 66261.2(f)	30		Reckless management of HW	HSC 6.5 25189.6
5		Containers leaking or not in good condition	22CCR15 66265.171 | 40CFR1 265.171	31		Quarantine order	HSC 6.5 25187.6
6		Compatibility of waste with containers	22CCR15 66265.172 | 40CFR1 265.172	32		Maintain/operate to prevent release/fire	22CCR15 66265.31 | 40CFR1 265.31
7		HW containers closed	22CCR15 66265.173(a) | 40CFR1 265.173(a)	33		Required equipment and maintenance	22CCR15 66265.32-.33 | 40CFR 265.32-.33
8		Container inspection – weekly	22CCR15 66265.174 | 40CFR1 265.174	34		Required aisle space	22CCR15 66265.35 | 40CFR1 265.35
9		Separation of incompatibles	22CCR15 66265.177 | 40CFR1 265.177	35		Personnel training	22CCR15 66265.16 | 40CFR1 262.34(d)(5)(iii)
10		Tank overflow and spill prevention	22CCR15 66265.194 | 40CFR1 265.201(b)	36		Emergency information posting [SQGs]	40CFR1 262.34(d)(5)(ii)
11		Tank inspection	22CCR15 66265.195 | 40CFR1 265.201(d)	37		Contingency plan [LQGs]	22CCR15 66265.51
12		Tank system management	22CCR15 66265.190-.202 | 40CFR1 265.201	38		Source reduction requirements [LQGs]	22CCR31 67100.3
13		Empty containers	22CCR11 66261.7	39		Biennial report requirements [RCRA LQGs]	22CCR12 66262.40-.41
14		Used oil management	HSC 6.5 25250.4	40		Closure requirements [LQGs]	22CCR15 66265.111 / .114
15		Used oil / fuel filter management	22CCR16 66266.130 / HSC 6.5 25250.22	41		Site assessment requirements	HSC 6.5 25187(a)(1)
16		Used battery management	22CCR16 66266.81	42		Excluded recyclable material management	HSC 6.5 25143.2 / .9
17		Contaminated textile management	HSC 6.5 25144.6	43		Recyclable material report	HSC 6.5 25143.10
18		EPA ID number [submit DTSC form 1358]	22CCR12 66262.12	44		Universal waste management | Aerosol cans	22CCR23 66273.1-.8 | HSC 6.5 25201.16
19		HW manifest complete	22CCR12 66262.23(a)	45		Other violation(s)	
20		Manifest copies to DTSC	22CCR12 66262.23(a)(4)		V	**HAZARDOUS MATERIALS HANDLER**	**SECTION**
21		Manifest copies retained for 3 years	22CCR12 66262.40(a)	50		HMBP established and implemented	HSC 6.95 25503.5
22		Consolidated manifest requirements	HSC 6.5 25160.2	51		HMBP submitted; updated/accurate	HSC 6.95 25505
23		Manifest exception reporting	22CCR12 66262.42	52		CalARP General Requirements	19CCR4.5 2735.5(a)
24		HW transported with manifest	22CCR12 66262.20		V	**ABOVEGROUND PETROLEUM STORAGE**	**SECTION**
25		HW transported by registered hauler	HSC 6.5 25163(a)	60		SPCC plan	HSC 6.67 25270.4.5(a)
26	✓	Land disposal restriction requirements	22CCR18 66268.7(a)	70		**PERMIT REQUIRED** – Submit UP Forms	Co Ord 12.50.075

☒ **NO SIGNIFICANT VIOLATIONS OBSERVED ON DATE OF INSPECTION.**
☐ **NOTICE TO COMPLY: THE VIOLATION(S) CITED MUST BE CORRECTED BY _____.**
☐ **RETURN CERTIFICATION OF COMPLIANCE FOUND ON BACK OF THIS NOTICE.**

Attention: The requirements checked are in violation. Non-compliance could result in re-inspection fees, permit revocation, and/or administrative/civil/criminal penalties. A re-inspection may occur at any time to verify compliance. Any time granted for correction of the violation(s) does not preclude any enforcement action by this Department or other agencies.

It is improper and illegal for any County officer, employee or inspector to solicit bribes, gifts or gratuities in connection with performing their official duties. Improper solicitations include requests for anything of value such as cash, discounts, free services, paid travel or entertainment, or tangible items such as food or beverages. Any attempt by a County employee to solicit bribes, gifts or gratuities for any reason should be reported immediately to either the County manager responsible for supervising the employee or the Fraud hotline at (800) 544-6861 or www.lacountyfraud.org. YOU MAY REMAIN ANONYMOUS.

Inspected By: S. Chan	Consent Given By: Young Shin	Authorized Representative's Signature: Young Shin

DTSC. 02820. 2357

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL000090993 | 2. Page 1 of | 3. Emergency Response Phone: 213-747-8028 | 4. Manifest Tracking Number: 006058793 FLE

GENERATOR

5. Generator's Name and Mailing Address
C I Printing
1035 South Olive St
LosAngeles, CA 90015
Generator's Phone: 213-747-5769

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SQG Specialists Inc. | U.S. EPA ID Number: ORQ000024781

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address
SQG Specialists Inc.
1225 14th Street SE
Salem, OR 97302
Facility's Phone: 503-480-1031

U.S. EPA ID Number: ORQ000024781

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. Non-RCRA Waste Solvent, Combustible Exception 49CFR173.150(f)(2)	001	DM	00030	G	214		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
CA State-Only HW
87.38% Reclamation this order

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: YOUNG GHIN | Signature | Month: 3 | Day: 10 | Year: 14

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Lex Thurston | Signature | Month: 3 | Day: 10 | Year: 14

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

H020

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: MARIAN LaBounty | Signature | Month: 03 | Day: 13 | Year: 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

11746.0392

LA County Fire Department
Facility Information Report

OWNER FILE INFORMATION

* Clearly make changes/corrections here.

Owner ID: OW0019141 New Owner ID:
Owner Name: YOUNG SHIN Tax ID :
Owner DBA: CI PRINTING Drvr Licns : N8701764
Owner Address:

Work/Business Phone: Not Specified
Billing/Mailing Address: 1035 S OLIVE ST
LOS ANGELES, CA 90015
ATTN/Care of:
Ownership Type:

FACILITY FILE INFORMATION

Facility ID: FA0019141
Facility Name: CI PRINTING
No. of Employee: 4
Site Location: 1035 S OLIVE ST
LOS ANGELES, CA 90015
Phone: 213-747-6747
Mailing Address: 1035 S OLIVE ST
LOS ANGELES, CA 90015
Operator/Care of: E-Mail Address:
District: C - CENTRAL
City Code: LAC **LOS ANGELES**
CUPA Jurisdiction: LA
Operating Hours: Days: M-F Hours: 8:30-5
SIC Code: 2752 - Commercial Printing, Lithographic
Business Type / Code:
Station: LFD

COMPLETED

GENERAL HEALTH PROGRAM ELEMENTS

Record ID	Current Program Element	Current Status	EPA #	Effective Date Beg.	Effective Date End	Changes - Program Element	Changes - Status
PR0030497	1001 - HW GEN, 0-5 EMPLOYEES	Active, billable	CAL000090993	07/01/92			

Addition Program Element:

CA Waste Code					
RCRA Waste Code					
AMOUNT per quarter					
UNITS (PGTY) Pounds, Gallons, Tons, Yards					

CONSENT GIVEN BY: Young Shin INSPECTOR SIGNATURE: EMPLOYEE ID: 150

1st DATE & TIME OF INSPECTION: 3/11/09 2nd DATE & TIME OF INSPECTION:

3rd DATE & TIME OF INSPECTION:

PREVIOUS INSPECTIONS

Activity Date	Program Element		Service	Result	Action	Activity Min	Travel Min	Inspector ID	Violation Code
09/28/1998	1001	PR0030497	001	00	00	90	0	EE0000096	0
12/12/2002	1001	PR0030497	001	00	00	90	0	EE0000117	
12/02/2005	1001	PR0030497	001	01	00	60		EE0000134	

VIOLATIONS LIST

Activity Date	Program Element	Viol Status	Service	Result	Action	Violation Code	Violation Degree	Description

CONSENT GIVEN BY: Yong Shin INSPECTOR SIGNATURE: [signature] EMPLOYEE ID: 150

1st DATE & TIME OF INSPECTION: 3/11/09 2nd DATE & TIME OF INSPECTION:

3rd DATE & TIME OF INSPECTION:

FIELD NOTES

3-11-09

CI Printing	FA0019141

OPENING CONFERENCE:

Young Shin, owner, gave consent for inspection. Number of employees – 4.

WALK THROUGH:

The facility is a commercial printing shop and prints business cards, invoices, labels, etc. A camera is used to capture images to be printed. The negative is processed using a developer/fixer machine. Waste developer/fixer is accumulated in a 55-gallon drum – no silver recovery unit is on-site. The negative is used in a paper plate machine to make the printing plate. There are two off-set printers and a combination off-set printer/paper-cutting machine. There is also a numbering machine, which is used to print series of numbers on invoices, etc. The printers are cleaned with solvent and shop towels. Waste solvent is accumulated in a 30-gallon drum. Contaminated shop towels are stored in a metal container with a lid and serviced by a commercial laundry service.

Hazardous wastes:

- Waste develop/fixer → 1 55-gallon drum.
- Waste solvent → 1 30-gallon drum.
- Contaminated shop towels → commercial laundry service.
- No other hazardous wastes were observed at the time of inspection.

Hazardous materials:

- The facility is in the City of Los Angeles.

FIELD NOTES

3-11-09

CI Printing	FA0019141

DOCUMENTS:

- LACityFD CUPA permit, HMH/HWG (0-5 employees), effective 7/1/08-6/30/09.
- Invoice E34666, 55 gal. photo chemicals, Commodity Resource & Env., 11/6/08.
- Invoice 70102905, 100 print towels, Prudential, 1/21/09.

CLOSING CONFERENCE:

The results of the inspection were discussed with Ms. Shin. A UP form and a HW label copy were provided for Ms. Shin. Ms. Shin completed the CCP and the HW labels, which were attached to the HW containers.

VIOLATIONS:

See Inspection Report dated 3/11/09, which was abated at the time of inspection.

Los Angeles County Fire Dept • Health Hazardous Materials Division
Certified Unified Program Agency • Participating Agency

REFER REPLY TO:
Central District Office
5825 Rickenbacker Road
Commerce, CA 90040
(323) 890-4107
Stan Uyehara
323-890-4115

INSPECTION REPORT

BUSINESS	OWNER	DATE
CJ Printing	Young Shin	3/11/09
ADDRESS: 1035 S. Olive St., Los Angeles, CA 90015		FA0019141

The following items, if applicable, have been inspected. This document constitutes a Summary of Violations and Notice to Comply if the violation (V) column is checked. *Reference: Titles 19 and 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.67, and 6.95 of the Health and Safety Code (HSC), and Titles 11 and 12 of the Los Angeles County Code (Co Ord)*

	HAZARDOUS WASTE GENERATOR				HAZARDOUS WASTE GENERATOR		
	V	SUBJECT	SECTION		V	SUBJECT	SECTION
1		Hazardous waste determination	CCR 66262.11	24		Manifest copies retained for 3 years	CCR 66262.40(a)
2		Proper disposal of hazardous waste	HSC 25189.5 (a)	25		Consolidated manifest requirements	HSC 25160.2
3		Maintain/operate to prevent release/fire	CCR 66265.31	26		Hazardous waste transported by registered hauler	HSC 25163(a)
4	✓	Hazardous waste labeling	CCR 66262.34(f)	27		LDR documents retained onsite	CCR 66268.7(a)(6)
5		Hazardous waste accumulation time	CCR 66262.34(a-d)	28		Hazardous waste analysis retained for 3 years	CCR 66262.40(c)
6		Hazardous materials storage and labeling	CCR 66261.2(f)	29		Personnel training	CCR 66265.16
7		Satellite accumulation	CCR 66262.34(e)	30	✓	Contingency plan	CCR 66265.51
8		Containers leaking or not in good condition	CCR 66265.171	31		Emergency preparedness/prevention	CCR 66265.30-.37
9		Hazardous waste containers closed	CCR 66265.173(a)	32		Source Reduction requirements for LQGs	CCR 67100.3
10		Separation of incompatibles	CCR 66265.177	33		Biennial Report requirements	CCR 66262.40-.41
11		Retrograde/accumulated speculatively	CCR 66262.10	34		Excluded recyclable material management	HSC 25143.2/.9
12		Empty containers	CCR 66261.7	35		Recyclable Material Report	HSC 25143.10
13		Used oil management	CHSC 25250.4	36		Site assessment requirements	HSC 25187(a)(1)
14		Used oil filter management	CCR 66266.130	37		Closure requirements	CCR 66265.111/114
15		Used battery management	CCR 66266.81	38		Reckless management of hazardous waste	HSC 25189.6
16		Contaminated textile management	HSC 25144.6	39		Other violation(s)	
17		Container inspection - weekly	CCR 66265.174			**HAZARDOUS MATERIALS HANDLER**	
18		Tank inspection - daily	CCR 66265.195	50		Contingency plan/inventory submitted	HSC 25503.5
19		Tank operating requirements	CCR 66265.194	51		Plan and inventory updated & accurate	HSC 25505
20		EPA ID number[submit DTSC form 1358]	CCR 66262.12	52		Regulated substance registration	HSC 25533(a)
21		Hazardous waste transported with manifest	CCR 66262.20			**ABOVEGROUND PETROLEUM STORAGE TANK**	
22		Hazardous waste manifest complete	CCR 66262.23(a)	60		SPCC Plan Referral to RWQCB (213) 576-6600	HSC 25270.3
23		Manifest copies to DTSC	CCR 66262.23(a)(4)	70		**PERMIT REQUIRED** – Submit UP Forms	Co Ord 12.50 075

☒ **NO SIGNIFICANT VIOLATIONS OBSERVED ON DATE OF INSPECTION.**

☒ **NOTICE TO COMPLY: THE VIOLATION(S) CITED MUST BE CORRECTED BY** N/A.

☐ **RETURN CERTIFICATION OF COMPLIANCE FOUND ON BACK OF THIS NOTICE.**

Attention: The items checked are in violation. A reinspection may occur at any time to verify compliance. Non-compliance could result in reinspection fees, permit revocation, and/or administrative/civil/criminal penalties. Any time granted for correction of the violation(s) does not preclude any enforcement action by this Department or other agencies.

It is improper and illegal for any County officer, employee or inspector to solicit bribes, gifts or gratuities in connection with performing their official duties. Improper solicitations include requests for anything of value such as cash, discounts, free services, paid travel or entertainment, or tangible items such as food or beverages. Any attempt by a County employee to solicit bribes, gifts or gratuities for any reason should be reported immediately to either the County manager responsible for supervising the employee or the Fraud Hotline at (800) 544-6861 or www.lacountyfraud.org. **YOU MAY REMAIN ANONYMOUS.**

④ Properly label all containers of hazardous waste, i.e., "HAZARDOUS WASTE", accumulation start date, hazardous waste composition and physical state, waste hazardous properties, and generator's name and address. Observed containers of waste photo chemicals and solvent without proper labeling.

㉚ Provide a contingency plan for the facility.

Inspected By	Consent Given By:	Authorized Representative's Signature
	Young Shin	

Note: Violations abated at the time of inspection

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

COVER PAGE

FACILITY IDENTIFICATION			
BUSINESS NAME 3 CI PRINTING			FACILITY ID # 1
SITE ADDRESS 103 1035 S. OLIVE ST		CITY 104 LOS ANGELES	ZIP CODE 105 90015

The Consolidated Contingency Plan provides businesses a format to comply with the emergency planning requirements of the following three written hazardous materials emergency response plans required in California:

- Hazardous Materials Business Plan (HSC Chapter 6.95 Section 25504 (b) and 19 CCR Sections 2729-2732),
- Hazardous Waste Generator Contingency Plan (22 CCR Section 66264.52), and,
- Underground Storage Tank Emergency Response Plan and Monitoring Program (23 CCR Sections 2632 and 2641).

This format is designed to reduce duplication in the preparation and use of emergency response plans at the same facility, and to improve the coordination between facility response personnel and local, state and federal emergency responders during an emergency. Use the chart below to determine which sections of the Consolidated Contingency Plan need to be completed for your facility. If you are unsure as to which programs your facility is subject to, refer to the Business Activities Page.

PROGRAMS	SECTION(S) TO BE COMPLETED
Hazardous Materials Business Plan (HMBP)	Cover Page, Section I, and Site Map(s)
Hazardous Waste Generator (HWG)	Cover Page, Section I, and Site Map(s)
Underground Storage Tank (UST)	Cover Page, Sections I and II, and Site Map(s)
HMBP, HWG, UST	Cover Page, Sections I and II, and Site Map(s)

A copy of the plan shall be submitted to your local CUPA and at least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency. Describe below where a copy of your Contingency Plan, including the hazardous material inventories and Site Map(s), is located at your business:

IN THE ~~COMPANY~~ COMPANY OFFICE

PLAN CERTIFICATION

I certify under penalty of law that I have personally examined and I am familiar with the information provided by this plan and to the best of my knowledge the information is accurate, complete, and true.

Printed Name of Owner/ Operator	Title of Owner/Operator
YOUNG SIM SHIN	OWNER
Signature of Owner/ Operator	**Date**
Young Sim Shin	3/11/09

We appreciate the effort of local businesses in completing these plans and will assist in every possible way. If you have any questions, please contact your local CUPA or PA.

OFFICIAL USE ONLY		DATE RECEIVED		REVIEWED BY		
DIV	BN	STA	OTHER	DISTRICT	CUPA	PA

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

ADVISORY

The site-specific Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials that could threaten human health and/or the environment. The contingency plan shall be reviewed, and immediately amended, if necessary, whenever:

- the plan fails in an emergency,
- the facility changes in its design, construction, operation, maintenance, or other circumstances in a way that materially increases the potential for fires, explosions, or releases of hazardous waste or hazardous waste constituents, or changes the response necessary in an emergency,
- the list of emergency coordinators changes, or
- the list of emergency equipment changes.

Submit a copy of any updates or changes to your local CUPA or PA.

UST owners/operators be advised that the local UST agency, CUPA or PA, must be notified within 30 days of any changes to the monitoring procedures listed in the UST Emergency Response and Monitoring Plan as found Section II of the Consolidated Contingency Plan in the full version of the Unified Program Forms.

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

I. FACILITY IDENTIFICATION

BUSINESS NAME 3		FACILITY ID # 1
CI PRINTING		
SITE ADDRESS 103	CITY 104	ZIP CODE 105
1035 S. OLIVE ST	LOS ANGELES	90015

II. EMERGENCY CONTACTS

PRIMARY		SECONDARY	
NAME	123	NAME	128
YOUNG SIM SHIN		YOUNG SIM SHIN	
TITLE	124	TITLE	129
OWNER		OWNER	
BUSINESS PHONE	125	BUSINESS PHONE	130
213) 747-6747		213) 747-6747	
24-HOUR PHONE	126	24-HOUR PHONE	131
213) 700-6747		213) 700-6747	
PAGER #	127	PAGER #	132

III. EMERGENCY RESPONSE PLANS AND PROCEDURES

A. Notifications

Your business is required by State Law to provide an immediate verbal report of any release or threatened release of a hazardous material to local fire emergency response personnel, this Unified Program Agency (CUPA or PA), and the Office of Emergency Services. If you have a release or threatened release of hazardous materials, immediately call:

FIRE/PARAMEDICS/POLICE/SHERIFF
PHONE: 911

AFTER the local emergency response personnel are notified, you shall then notify this Unified Program Agency and the Office of Emergency Services.

Local Unified Program Agency:	(323) 890-4317
State Office of Emergency Service:	(800) 852-7550
National Response Center:	(800) 424-8802

Information to be provided during Notification:

- ☐ Your Name and the Telephone Number from where you are calling.
- ☐ Exact address of the release or threatened release.
- ☐ Date, time, cause, and type of incident (e.g. fire, air release, spill etc.)
- ☐ Material and quantity of the release, to the extent known.
- ☐ Current condition of the facility.
- ☐ Extent of injuries, if any.
- ☐ Possible hazards to public health and/ or the environment outside of the facility.

B. Emergency Medical Facility

List the local emergency medical facility that will be used by your business in the event of an accident or injury caused by a release or threatened release of hazardous material.

HOSPITAL/CLINIC:	PHONE NO:
CALIFORNIA HOSPITAL	213 748-2411
ADDRESS: 1401 S. GRAND AVE	
CITY: LOS ANGELES	ZIP CODE: 90015

OFFICIAL USE ONLY	DATE RECEIVED	REVIEWED BY

DIV	BN	STA	OTHER	DISTRICT	CUPA	PA

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

C. Private Emergency Response

DOES YOUR BUSINESS HAVE A PRIVATE ON-SITE EMERGENCY RESPONSE TEAM? ☐ Yes ☒ No

If yes, provide an attachment that describes what policies and procedures your business will follow to notify your on-site emergency response team in the event of a release or threatened release of hazardous materials.

CLEANUP/DISPOSAL CONTRACTOR

List the contractor that will provide cleanup services in the event of a release.

NAME OF CONTRACTOR: N/A	PHONE NO: - -
ADDRESS:	
CITY:	ZIP CODE:

D. Arrangements With Emergency Responders

If you have made special (i.e. contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements on the lines below:

N/A

E. Evacuation Plan

1. The following alarm signal(s) will be used to begin evacuation of the facility *(check all which apply)*:

☒ Verbal ☒ Telephone *(including cellular)* ☐ Alarm System ☐ Public Address System ☐ Intercom
☐ Pagers ☐ Portable Radio ☐ Other *(specify):*

2. ☐ Evacuation map is prominently displayed throughout the facility.

3. ☐ Individual(s) responsible for coordinating evacuation including spreading the alarm and confirming the business has been evacuated:

F. Earthquake Vulnerability

Identify areas of the facility where releases could occur or would require immediate inspection or isolation because of the vulnerability to earthquake related ground motion.

☒ Hazardous Waste/ Hazardous Materials Storage Areas ☐ Production Floor ☐ Process Lines
☐ Bench/ Lab ☐ Waste Treatment ☐ Other:

Identify mechanical systems where releases could occur or would require immediate inspection or isolation because of the vulnerability to earthquake related ground motion.

☐ Utilities ☐ Sprinkler Systems ☐ Cabinets ☐ Shelves
☐ Racks ☐ Pressure Vessels ☐ Gas Cylinders ☐ Tanks
☐ Process Piping ☐ Shutoff Valves ☐ Other:

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

G. Emergency Procedures

Briefly describe your business standard operating procedures in the event of a release or threatened release of hazardous materials:

1. **PREVENTION** (prevent the hazard) - Describe the kinds of hazards associated with the hazardous materials present at your facility. What actions would your business take to prevent these hazards from occurring? You may include a discussion of safety and storage procedures.

THE KINDS OF HAZARDS ASSOCIATED WITH THE HAZARDOUS MASTERIALS IN MY FACILITY ARE SPILLS AND LEAKS HAZARDOUS MATERIALS IN LEAK-PROOF CONTAINERS WITH TIGHT FITTING LIDS AND HELD UNTIL LAWFULLY DISCARDED.
EMPLOYEES ARE TRAINED TO HANDLE MASTERIALS USING PERSONAL PROTECTIVE EQUIPMENT SUCH AS GLOVES AND SAFETY GLASSES

2. **MITIGATION** (reduce the hazard) - Describe what is done to lessen the harm or the damage to person(s), property, or the environment, and prevent what has occurred from getting worse or spreading. What is your immediate response to a leak, spill, fire, explosion, or airborne release at your business?

THE RESPONSE TO SMALL SPILLS IS THE FOLLOWING: EVACUATE ANY UNNECESSARY EMPLOYEES FROM THE AREA OF THE SPILL USING ABSORBENT MATERIALS, MAKE SURE THAT SPILLED MASTERIAL IS CONTAINED AND PREVENTED FROM CONTAMINATING THE GROUND, SOIL WATER, OR DISCHARGE OFF THE PROPERTY TO LARGE SPILLS IS THE FOLLOWING: IMMEDIATELY NOTIFY EMPLOYEES TO EVACUATE AND CALL 911

3. **ABATEMENT** (remove the hazard) - Describe what you would do to stop and remove the hazard. How do you handle the complete process of stopping a release, cleaning up, and disposing of released materials at your facility?

EMPLOYEES INVOLVED IN THE CLEAN UP OF A SPILL WILL WEAR PROTECTIVE RUBBER GLOVES SAFETY GLASSES AND ADDITIONAL PROTECTIVE CLOTHING. ABSORBED MATERIAL WILL BE PLACED IN A LECK-PROOF CONTAINER THAT IS COMPATIBLE WITH THE WASTE, THE CONTAINER WILL HAVE A TIGHT-FITTING LID AND BE PROPERLY LABEL AS HAZARDOUS WASTE, THE WASTE WILL BE LAWFULLY DISPOSED AS HAZARDOUS WASTE.

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

IV. Emergency Equipment

22 CCR, Section 66265.52(e) [as referenced by Section 66262.34(a)(3)] requires that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Location *	4. Description**
Personal Protective, Equipment, Safety Equipment, and First Aid Equipment	☐ Cartridge Respirators		
	☐ Chemical Monitoring Equipment *(describe)*		
	☐ Chemical Protective Aprons/Coats		
	☐ Chemical Protective Boots		
	☐ Chemical Protective Gloves		
	☐ Chemical Protective Suits *(describe)*		
	☐ Face Shields		
	☒ First Aid Kits/Stations *(describe)*		
	☐ Hard Hats		
	☐ Plumbed Eye Wash Stations		
	☐ Portable Eye Wash Kits *(i.e. bottle type)*		
	☐ Respirator Cartridges *(describe)*		
	☐ Safety Glasses/Splash Goggles		
	☐ Safety Showers		
	☐ Self-Contained Breathing Apparatuses (SCBA)		
	☐ Other *(describe)*		
Fire Extinguishing Systems	☐ Automatic Fire Sptinkler Systems		
	☐ Fire Alarm Boxes/Stations		
	☒ Fire Extinguisher Systems *(describe)*		
	☐ Other *(describe)*		
Spill Control Equipment and Decontamination Equipment	☐ Absorbents (describe)		
	☐ Berms/Dikes (describe)		
	☐ Decontamination Equipment (describe)		
	☐ Emergency Tanks (describe)		
	☐ Exhaust Hoods		
	☐ Gas Cylinders Leak Repair Kits (describe)		
	☐ Neutralizers (describe)		
	☐ Overpack Drums		
	☐ Sumps (describe)		
	☐ Other (describe)		
Communications and Alarm Systems	☐ Chemical Alarms (describe)		
	☐ Intercoms/ PA Systems		
	☐ Portable Radios		
	☒ Telephones		
	☐ Underground Tank Leak Detection Monitors		
	☐ Other (describe)		
Additional Equipment (Use Additional Pages if Needed.)			

* *Use the Location Codes (LC) from the Site Map(s) prepared for your Contingency Plan.*

** *Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.*

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

V. EMPLOYEE TRAINING

All facilities which handle hazardous materials must have a written employee training plan. A blank plan has been provided below for you to complete and submit. The items listed below are required per Health and Safety Code Section 25504 (c) and Title 19 Section 2732.

Facility personnel are trained as follows:

- ☐ Familiarity with all plans and procedures specified in the Contingency Plan.
- ☐ Methods for Safe Handling of Hazardous Materials.
- ☐ Safety procedures in the event of a release or threatened release of a hazardous material.
- ☐ Use of Emergency Response equipment and supplies under the control of the business.
- ☐ Procedures for Coordination with local Emergency Response Organizations.

Training shall be provided:

- ☐ Initially for all new employees.
- ☐ Annually, including refresher courses, for all employees.

Note: These training programs may take into consideration the position of each employee.

Additional training should include:

- ☐ Internal alarm/notification procedures.
- ☐ Evacuation/re-entry procedures and assembly point locations.
- ☐ Material Safety Data Sheet (MSDS) training including specific hazard(s) of each chemical to which employees may be exposed, including routes of exposure *(i.e. inhalation, ingestion, absorption).*

VI. HAZARDOUS WASTE GENERATOR TRAINING

If your business is a hazardous waste generator, you are required to provide training in hazardous waste management for all workers who handle hazardous waste at your site (22 CCR §66265.16). You are also required to document training. The items below are required.

EMPLOYEE TRAINING

- ☐ Facility personnel will successfully complete training within six months after the date of their employment or assignment to a facility or to a new position at a facility.
- ☐ Employees will not handle hazardous wastes without supervision until trained.

TRAINING DOCUMENTATION

The owner or operator must maintain the following documents and records at the facility:

- ☐ Job title for each position at the facility that is related to hazardous waste management, and the names of the employee(s) filling the position(s).
- ☐ Description for each position listed above (must include required skill, education, or other qualifications as well as duties of employees assigned to the position.
- ☐ Description of *type* and *amount* of both introductory and continuing training given to each employee.
- ☐ Records that document that the requirements for training or job experience have been met.
- ☐ Current employees' training records (to be retained until closure of the facility).
- ☐ Former employees' training records (to be retained at least three years after termination of employment).

INTENTIONALLY LEFT BLANK

INTRODUCTION TO COMPLETION OF THE UNIFIED PROGRAM (UP) FORM

Unified Program (UP) Form
CONSOLIDATED CONTINGENCY PLAN

SITE MAP

A site plan and storage map must be included with your Contingency Plan. For relatively small facilities, these documents may be combined into one drawing. Since these drawings are intended for use in emergency response situations, larger facilities *(generally those with complex and/or multiple buildings)* should provide an overall site plan and a separate storage map for each building/storage area. A blank Facility Site Map has been provided on the reverse side of this page. You may complete that page or attach any other drawing(s) which contain(s) the information required below.

1. **Site Plan:** This drawing shall contain, <u>at a minimum</u>, the following information:

   a. Site Orientation (north, south, etc.);
   b. Approximate scale *(e.g. "1 inch = 10 feet".)*;
   c. Date the map was drawn;
   d. Locations of all buildings and other structures;
   e. Parking lots and internal roads;
   f. Hazardous materials loading/unloading areas;
   g. Outside hazardous materials storage or use areas;
   h. Storm drain and sanitary sewer drain inlets;
   i. Wells for monitoring of underground tank systems;
   j. Primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas;
   k. Adjacent property use;
   l. Locations and names of adjacent streets and alleys;
   m. Access and egress points and roads.

2. **Storage Map(s):** The map(s) shall contain, <u>at a minimum</u>, the following information:

Date run : 12/02/05 11:07:13AM
Run by : Arturo Mico
FA0019141 CI PRINTING

LA County Fire Department
Facility Information Report

Report # : 5302
Page 1 of 3
Version 051705

OWNER FILE INFORMATION

YOUNG SHIN

* Clearly make changes/corrections here.

Owner ID: OW0019141
Owner Name: ~~DONG HO SHIN~~ ok
Owner DBA: CI PRINTING
Owner Address:

New Owner ID:
Tax ID : N 8701764
Drvr Licns : EXP : 8-9-2007

Work/Business Phone:
Billing/Mailing Address: 1035 S OLIVE ST
LOS ANGELES, CA 90015
N.C.O.
ATTN/Care of:
Ownership Type:

FACILITY FILE INFORMATION

Facility ID: FA0019141
Facility Name: CI PRINTING
No. of Employee: 4 ✓
Site Location: 1035 S OLIVE ST
LOS ANGELES, CA 90015
Phone: 213-747-6747
Mailing Address: 1035 S OLIVE ST
LOS ANGELES, CA 90015
Operator/Care of: E-Mail Address:
District: C - CENTRAL
City Code: LAC **LOS ANGELES**
CUPA Jurisdiction: LA
Operating Hours: Days: Hours:
SIC Code: 2752 Commercial Printing, Lithographic Nature of Business:
Business Type / Code:
Station: LFD
Date First Became Operational:

2005

GENERAL HEALTH PROGRAM ELEMENTS

Record ID	Current Program Element	Current Status	EPA #	Effective Date Beg.	Effective Date End	Changes Program Element	Changes Status
PR0030497	1001 - HW GEN, 0-5 EMPLOYEES	Active, billable		07/01/92			

Addition Program Element:

CA Waste Code					
RCRA Waste Code					
AMOUNT per quarter					
UNITS (PGTY) Pounds, Gallons, Tons, Yards					

CONSENT GIVEN BY: YOUNG SHIN INSPECTOR SIGNATURE: ARTURO MICO EMPLOYEE ID: 134

1st DATE & TIME OF INSPECTION: 12-2-2005 2nd DATE & TIME OF INSPECTION:

3rd DATE & TIME OF INSPECTION:

ENVIRONMENTAL CONTACT INFORMATION

*** For Haz Mat Handlers.*

Contact Name:

Phone : Not Specified

Dun & Bradst.: * Please Fill-Out

EMERGENCY CONTACT INFORMATION

	PRIMARY CONTACT:	SECONDARY CONTACT:
Name :		
Title :		
Business Phone :	Not Specified	Not Specified
24 - Hour Phone :	Not Specified	Not Specified
Pager # :	Not Specified	Not Specified

PREVIOUS INSPECTIONS

Activity Date	Program Element	Service	Result	Action	Violation Code	Inspector ID
09/28/98	1001	001	00	00	0	EE0000096
12/12/02	1001	001	00	00		EE0000117

VIOLATIONS LIST

Activity Date	Program Element	Viol Status	Service	Result	Action	Violation Code	Violation Degree	Description

CONSENT GIVEN BY: _____ INSPECTOR SIGNATURE: _____ EMPLOYEE ID: _____

1st DATE & TIME OF INSPECTION: _____ 2nd DATE & TIME OF INSPECTION: _____

3rd DATE & TIME OF INSPECTION:

Field Notes

LIST ORDER OF INSPECTION AS FOLLOWS: I. OPENING CONFERENCE II. WALK THROUGH III. DOCUMENTS IV. CLOSING CONFERENCE V. VIOLATIONS

COMMODITY RESOURCE AND ENVIRONMENTAL INC.

1 x 55 gal DRUM USED FIXER

NO SILVER RECOVERY UNIT.

SHOP TOWEL SERVICE :

PRUDENTIAL

LAST P/U 11-17-2005 200 TOWELS.

CONSENT GIVEN BY :

SEONG CHO DESIGNER.

LAST PICK-UP PROVIDED BY:

TSM RECOVERY AND RECYCLING CO 06-30-2005

CONSENT GIVEN BY: YOUNG SHIN INSPECTOR SIGNATURE: ARTURO MICO EMPLOYEE ID: 134

1st DATE & TIME OF INSPECTION: 12-2-2005 2nd DATE & TIME OF INSPECTION:

3rd DATE & TIME OF INSPECTION:

Los Angeles County Fire Dept • Health Hazardous Materials Division
Certified Unified Program Agency • Participating Agency

INSPECTION REPORT

REFER REPLY TO:

Central District Office
5825 Rickenbacker Road
Commerce, CA 90040
(323) 890-4107

BUSINESS: C.I. PRINTING	OWNER: RITA SHIN	DATE: 12-2-2005
ADDRESS: 1035 S. OLIVE ST L.A. 90015		FA 0019141

The following items, if applicable, have been inspected. This document constitutes a Summary of Violations and Notice to Comply if the violation (V) column is checked.

Reference: Titles 19 and 22 of the California Code of Regulations (CCR). Chapters 6.5. 6.67. and 6.95 of the Health and Safety Code (HSC). and Titles 11 and 12 of the Los Angeles County Code (Co Ord)

	HAZARDOUS WASTE GENERATOR				HAZARDOUS WASTE GENERATOR		
	V	SUBJECT	SECTION		V	SUBJECT	SECTION
1		Hazardous waste determination	CCR 66262.11	24		Manifest copies retained for 3 years	CCR 66262.40(a)
2		Proper disposal of hazardous waste	HSC 25189.5 (a)	25		Consolidated manifest requirements	HSC 25160.2
3		Maintain/operate to prevent release/fire	CCR 66265.31	26		Hazardous waste transported by registered hauler	HSC 25163(a)
4		Hazardous waste labeling	CCR 66262.34(f)	27		LDR documents retained onsite	CCR 66268.7(a)(6)
5		Hazardous waste accumulation time	CCR 66262.34(a-d)	28		Hazardous waste analysis retained for 3 years	CCR 66262.40(c)
6		Hazardous materials storage and labeling	CCR 66261.2(f)	29		Personnel training	CCR 66265.16
7		Satellite accumulation	CCR 66262.34(e)	30		Contingency plan	CCR 66265.51
8		Containers leaking or not in good condition	CCR 66265.171	31		Emergency preparedness/prevention	CCR 66265.30-.37
9		Hazardous waste containers closed	CCR 66265.173(a)	32		Source Reduction requirements for LQGs	CCR 67100.3
10		Separation of incompatibles	CCR 66265.177	33		Biennial Report requirements	CCR 66262.40-.41
11		Retrograde/accumulated speculatively	CCR 66262.10	34		Excluded recyclable material management	HSC 25143.2/.9
12		Empty containers	CCR 66261.7	35		Recyclable Material Report	HSC 25143.10
13		Used oil management	CHSC 25250.4	36		Site assessment requirements	HSC 25187(a)(1)
14		Used oil filter management	CCR 66266.130	37		Closure requirements	CCR 66265.111/114
15		Used battery management	CCR 66266.81	38		Reckless management of hazardous waste	HSC 25189.6
16		Contaminated textile management	HSC 25144.6	39		Other violation(s)	
17		Container inspection - weekly	CCR 66265.174			**HAZARDOUS MATERIALS HANDLER**	
18		Tank inspection - daily	CCR 66265.195	50		Contingency plan/inventory submitted	HSC 25503.5
19		Tank operating requirements	CCR 66265.194	51		Plan and inventory updated & accurate	HSC 25505
20		EPA ID number[submit DTSC form 1358]	CCR 66262.12	52		Regulated substance registration	HSC 25533(a)
21		Hazardous waste transported with manifest	CCR 66262.20			**ABOVEGROUND PETROLEUM STORAGE TANK**	
22		Hazardous waste manifest complete	CCR 66262.23(a)	60		SPCC Plan Referral to RWQCB (213) 576-6600	HSC 25270.3
23		Manifest copies to DTSC	CCR 66262.23(a)(4)	70		**PERMIT REQUIRED** – Submit UP Forms	Co Ord 12.50.075 HSC 25404.1.1

☒ **NO SIGNIFICANT VIOLATIONS OBSERVED ON DATE OF INSPECTION.**

☐ **NOTICE TO COMPLY: THE VIOLATION(S) CITED MUST BE CORRECTED BY_____.**

☐ **RETURN CERTIFICATION OF COMPLIANCE FOUND ON BACK OF THIS NOTICE.**

Attention: The items checked are in violation. A reinspection may occur at any time to verify compliance. Non-compliance could result in reinspection fees, permit revocation, and/or administrative/civil/criminal penalties. Any time granted for correction of the violation(s) does not preclude any enforcement action by this Department or other agencies.

Inspected By: ARTURO MICO	Consent Given By; Print Name: SEONG CHO	Authorized Representative's Signature: Cho Seong Song

STATEMENT

TSM Recovery & Recycling Co., Inc.
3422 W. Pico Blvd.
Los Angeles, CA 90019

(323) 735-9443

STATEMENT DATE: 06-30-2005

ACCOUNT NUMBER: 1640

PAGE NO. 1

C.I. PRINTING
1035 S. OLIVE STREET
LOS ANGELES,CA 90015

$_____
AMOUNT REMITTED

A service charge of 1.5% per month will be made on past due accounts from invoice date.

TERMS:NET 25 DAYS

RETURN THIS PORTION WITH PAYMENT

INVOICE	DATE	REFERENCE #	CODE	DEBITS	CREDITS	BALANCE
		BALANCE FORWARD				0.00
092643	06/17/05	86305	INV	59.74		59.74

CURRENT	30 DAYS	60DAYS	90 DAYS	BALANCE OWING
$59.74	$0.00	$0.00	$0.00	$59.74

— 2002 —

LA County Fire Department
Facility Information Report

OWNER FILE INFORMATION

Clearly make changes/corrections here.

Owner ID: OW0019141 New Owner ID:
Owner Name: DONG HO SHIN Tax ID :
Owner DBA:
Owner Address:
Work/Business Phone:
Billing/Mailing Address: 1035 S OLIVE ST
LOS ANGELES, CA 90015
ATTN/Care of:
Ownership Type:

FACILITY FILE INFORMATION

Facility ID: FA0019141
Facility Name: CI PRINTING
No. of Employee: 4
Site Location: 1035 S OLIVE ST
LOS ANGELES, CA 90015
Phone: 213-747-6747
Mailing Address: 1035 S OLIVE ST
LOS ANGELES, CA 90015
Operator/Care of: E-Mail Address:
District: C - CENTRAL
City Code: LAC
CUPA Jurisdiction: LA
Operating Hours: Days: Hours:
SIC Code: 2752 Commercial Printing, Lithographic Nature of Business:
Business Type / Code:
Station: LFD
Date First Became Operational:

00394

GENERAL HEALTH PROGRAM ELEMENTS

Record ID	Current Program Element	Current Status	EPA #	Effective Date Beg.	Effective Date End	Changes Program Element	Changes Status
PR0030497	1001 - HW GEN, 0-5 EMPLOYEES	Active, billable		07/01/92			

Addition Program Element:

CA Waste Code	541	181			
RCRA Waste Code	fixer waste	contaminated RAG			
AMOUNT per quarter	10	150			
UNITS (PGTY) Pounds, Gallons, Tons, Yards	GALLON	POUND			

CONSENT GIVEN BY: MRS. SHIN INSPECTOR SIGNATURE: EMPLOYEE ID: 117

1st DATE & TIME OF INSPECTION: 12-12-02 2nd DATE & TIME OF INSPECTION:

3rd DATE & TIME OF INSPECTION:

COUNTY OF LOS ANGELES * FIRE DEPARTMENT
HEALTH HAZARDOUS MATERIALS DIVISION

INSPECTION REPORT

12-11-02

CI PRINTING	FA 0019141

HAZ-WASTE

- ROUTINE JOINT INSPECTION WAS CONDUCTED WITH INSPECTOR WHITEHEAD, CONSENT WAS GIVEN BY OWNER MRS. SHIN.
- FACILITY OPERATES A PRINT SHOP THAT PRINTS LABELS, INVOICES, ENVELOPES AND BUSINESS CARDS.
- A DESIGNATED DARK ROOM IS IN PLACE TO PROCESS AND DEVELOP THE IMAGES TO BE PRINTED. A CAMARA, PROCESSOR AND DEVELOR IS IN PLACE.
- STOCK PHOTOCHEMICALS ARE PURCHASED IN ONE GALLON SIZE BOTTLES. OLD FASHION TRAYS ARE USED FOR DETAIL DEVELOPING IF REQUIRED.
- THE WASTE FIXER IS ACCUMULATED IN A 20 GALLON, POLY CONTAINER. THE HAZ-WASTE IS PICKED UP BY TSM RECOVERY, FOR SILVER RECOVERY. A COPY OF THE LATEST PICK UP RECEIPT WILL BE MAILED TO OUR OFFICE.
- THE ALUMINUM PLATES ARE SENT OFF FOR RECYCLING, ACCUMULATED IN A CARDBOARD BOX. (NON HAZARDOUS)
- TWO OFFSET PRESSES AND A ROLLER PRESS IS USED TO PRINT THE WORK.
- INKS ARE PURCHASED IN 2.5 POUNDS, 5 POUND, OR 7.5 POUND CONTAINERS. THE ROLLER WASH IS PURCHASED IN A 5 GALLON SIZE POLY CONTAINER FOR THE OFFSET PRESSES, AND IN 30 GALLON SIZE POLY DRUMS FOR THE ROLL PRESS.
- THE ROLLERS ARE WIPED WITH ROLLER WASH, USING SHOP RAGS. A WEEKLY CONTRACT SERVICE IS ESTABLISHED WITH PRUDENTIAL. 12-05-02, 100 RAGS, #012515.
- ROLL PRESS HAS A SEPARATE COMPARTMENT TO CLEAN THE PLATES FOR THE SPECIFIC MACHINE. THE SOLVENT IS PUMPED INTO THE UNIT FOR CLEANING.
- NO INK GOES TO WASTE, IT IS CAREFULLY USED.
- STORAGE: 2- 5 GALLON OF STOCK ROLLER WASH, +/- 35 (5) POUNDS INKS, +/- 15 (2.5) POUNDS, 3 (30) STOCK ROLLER WASH, 5 (1) GALLON PHOTO CHEMICALS.

1998

County of Los Angeles • Fire Department
Health Hazardous Materials Division

INSPECTION REPORT

Business Name: C. I printing		Phone: (213) 747-6747	Facility ID #: 585483
Site Address: 1035 S. Olive St			Industry Type: printing
City: L.A.	CA	Zip Code: 90015 Operating hrs: 0900-1730	EPA #: CAL000090993
Mailing Address: SAME		Business owner: SHIN, DONG HO	Sic Code: 2752 No of Empl. 3
City:	State:	Zip Code:	Map Page: 634 Grid: E-4
Insp Dist: CN	Insp Unit: LCR	Div: LCR	BN: LCR Sta: LCR

FEE GROUP

- ☐ Disclosure/RS ____
- ☐ RS ____
- ☐ UST ____
- ☐ AST/SPCC ____
- ☒ HazWaste Generator 100
- ☐ Tiered Permitting ____

TREATMENT TIERS

- A. ___ PBR
- B. ___ CA
- C. ___ CEL
- D. ___ CE-CL
- E. ___ CESW
- F. ___ CESQT
- 1 Total Units

OTHER

- ☐ Financial Assurance
- ☐ Phase I
- ☐ Offsite HazWast Consolidation
- ☐ Recycling Notification
- ☐ Large Quantity Generator
- ☐ Fixed Household HazWaste Collection Facility

CLASS OF VIOLATIONS

	I	II	Minor
HM			
HW			
TP			
AST			

CA Waste Code	212					
RCRA Waste Code	—					
AMT (PGTY) Pounds, Gallons Yds, Tons: per quarter	30					

Referrals ☐ AQMD ☐ B & S ☐ FIRE ☐ IW ☐ OSHA ☐ DTSC ☐ _____

Visit Date	Start Time	Insp Type	Pro Elem	Time Invested	Action Code	Special Circumstances
9/28/98	10:00	I	HW	1:30		
/ /	:			:		
/ /	:			:		
/ /	:			:		
/ /	:			:		
			Total Time:	:		

INSPECTION TYPE: C:Complaint I: Inspection J: Joint Inspection Mm: Multimedia R: Revisit P: Permit S: Sampling Cl: Closure
PROGRAM ELEMENT: HM HW TP AST UST RS
ACTION CODES: A: Abate AO: Adm Order CR: Criminal Referral H: Hearing N: NOV O: No viol T: Time ext X: Other Z: non-gen

Insp No 9/28/98	Signature	Date 9/28/98
Consent given by: SHIN	Title Owner	Date

9/30/98 fmd entered 3/23/99 RP

County of Los Angeles • Fire Department
Health Hazardous Materials Division

OFFICIAL INSPECTION REPORT

DATE: 9/28/98 PAGE 1 OF 1

DBA: C. I. Printing	Facility ID #: 585483
LIST ORDER OF INSPECTION AS FOLLOWS: I. OPENING CONFERENCE II. WALK THROUGH III. DOCUMENTS IV. CLOSING CONFERENCE V. VIOLATIONS	

2 offset printers → 1 old letter press

printers → wash → wipe Rags → Welders

paper Bindings → Adhesives → evaporates

X no waste inks - per owner

Camera → photo processing → Developer / Fixer → TSM

plate Meter → plate cleaner → 30 µm Drum → Rho-Chem Last time 3/25/94

sent out

↳ new System

Rags - 9/16/98 Prudential overall Supply

HHMD • IR.PKG • 4/98

County of Los Angeles • Fire Department
Health Hazardous Materials Division

OFFICIAL INSPECTION REPORT

DATE: PAGE ___ OF ___

DBA:	Facility ID #:

LIST ORDER OF INSPECTION AS FOLLOWS: I. OPENING CONFERENCE II. WALK THROUGH III. DOCUMENTS IV. CLOSING CONFERENCE V. VIOLATIONS

PHL# 585483 **INDUSTRY SURVEY** Los Angeles County Fire Department • Prevention Bureau — Health Hazardous Materials Division — LACoFD HHMD • IS1 v3.2 • 4/93

Code 102 | SIC# 2752 | EPA# CAL000090993 | ☐Pending ☐NA

DBA C. I. PRINTING | Phone 213 - 747 - 6794

Owner SHIN, DONG Ho | Interviewed YOUNG SHIN

Partner | Title OWNER

Address number 1035 dir S. street name OLIVE type ST. | Product/Service PRINTING.

unit # | City LA | Zip 90015

Mailing | Start Date 1984 | # of employees 3

# of shifts 1 | Operating hours 9-5:30

Viol Rank	CA Waste Code	1 541	2 212	3	4
☐ HWUT	Amt (PGT) Pounds, Gallons, Tons; per quarter	1 [illegible]	30g.		
☐ HRF	Mtl/Qty				

Referrals ☐ AQMD ☐ B&S ☐ Fire ☐ IW ☐ OSHA ☐ SDHS ☐ _____

Viol 01 02 03 (04) 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 99

Visit Date	Start Time	Insp	Action	Time Invested	Special Circumstances
12/01/95	13:25	104	I, H.	1:20	
02/22/96	11:00	104	R, A.	:	
/ /	:			:	
/ /	:			:	

Signature(s) E. McFarland

Action codes: A-Abate C-Complaint E-Enforce H-Hearing I-Insp M-site Mit N-NOV O-no viol P-PHL Inv R-Revisit S-Samples T-Time ext X-other Z-non-gen

2 OFFSET PRINTERS → 1 OLD LETTERPRESS

PRINTERS → WASH → WIPE RAGS → WELCHS UNIROYAL

PAPER BINDING & ADHESIVE → FABRICS.

NO WASTE INK PER OWNER →

CAMERA → PHOTO PROCESS → DEVELOPER → DRAIN
+
FIXER → NOV

PLATE MAKER → PLATE CLEANER SOLVENT → 30g DM. → RITO-CHEM.
CAD008364432
~~GARDEN~~ #211-212
#92655724
30g. 3/25/94.

↓
NOW SENT OUT
SUBCONTRACT.

Notice of Violation and Order to Comply

COUNTY OF LOS ANGELES • FIRE DEPARTMENT
Health Hazardous Materials Division

Owner SHIN, DONG HO	Date 12/01/95
Business C. I. PRINTING	Refer Reply To: HEALTH HAZARDOUS MATERIALS DIVISION 5825 Rickenbacker Rd Commerce CA 90040 Office (213) 890-4045 Fax (213) 890-4046
Address 1035 S OLIVE ST.	
City, ZIP Code LA 90015	

Violations: The conditions or practices checked below represent a violation of the referenced section of Title 22, California Code of Regulations (22 CCR, Div 4.5, Ch 10, Sec 66260.1 et seq), and/or Health & Safety Code Chapter 6.5 (H&S, Div 20, Ch 6.5, Sec 25100 et seq) for which there are civil and criminal penalties. Time granted for correction of violations does not preclude any enforcement action by this Department or other agencies. **You are directed to correct the violations within the times specified. Failure to do so will be considered an additional violation.**

HAZARDOUS WASTE DETERMINATION

Correction Date ___/___/___

01 ☐ Provide a hazardous waste determination for (CCR 66262.11)

DISPOSAL

Correction Date 01/24/03/96

Discontinue the illegal disposal of hazardous waste and/or extremely hazardous waste to an unauthorized location (H&S 25189.5):

02 ☐ trash/dumpster/ground;
03 ☐ storm drain;
04 ☑ sewer/septic system with a permit;
05 ☐ unpermitted facility.
06 ☐ Discontinue the disposal of hazardous materials containers which are not legally empty (CCR 66261.7)

DISCONTINUE THE ILLEGAL DISPOSAL OF PHOTO. FIXER INTO THE DRAIN.

EPA NUMBER/PERMITS

Correction Date ___/___/___

Obtain the following from the Cal-EPA:

07 ☐ EPA Identification Number (contact Cal-EPA, 916-324-1781, for D number) (CCR 66262.12);
08 ☐ on-site waste treatment/disposal permit for (CCR 66270.1)

09 ☐ extremely hazardous waste permit for handling and disposal of (CCR 67430.1)

STORAGE AND MANAGEMENT OF CONTAINERS

Correction Date ___/___/___

Discontinue the on-site accumulation of hazardous waste:

10 ☐ longer than 90 days without an extension from DTSC (CCR 66262.34(c));
11 ☐ longer than 90 days after 100 kg has been accumulated (CCR 66262.34(b));
12 ☐ longer than 1 year or 90 days after 55 gallons has been accumulated at satellite storage.

Label the waste container with the following:

22 ☐ the words, "HAZARDOUS WASTE" (CCR 66262.34(f));
14 ☐ description of contents / hazardous property of waste / generator name and address (CCR 66262.34(f));
13 ☐ accumulation start date (CCR 66262.34(f)).

Provide hazardous waste containers which are:

15 ☐ in good condition (CCR 66265.171);
16 ☐ compatible with waste contents (CCR 66265.172);
17 ☐ closed/sealed during storage (CCR 66265.173);
18 ☐ handled/stored/segregated to minimize waste release/reaction (CCR 66265.177(c));
19 ☐ inspected at least weekly (CCR 66265.174).
25 ☐ Label hazardous materials properly within 10 days or handle as hazardous waste (CCR 66261.2(f)(1)).
26 ☐ Store hazardous materials properly within 96 hours or handle as hazardous waste (CCR 66261.2(f)(2)).
20 ☐ Properly manage used oil filters (CCR 6626 130).
21 ☐ Properly manage spent lead-acid storage batteries (CCR 66266.81).

TANK REGULATIONS

Correction Date ___/___/___

23 ☐ Discontinue storing incompatibles in the same tank (CCR 66265.199).
24 ☐ Inspect tank and tank equipment daily and document in the operating record of the facility (CCR 66265.195).

Authorized rep DONG HO SHIN	Title OWNER	Page 1 of
Auth rep signature	Inspected by	LACoFD HHMD • NV1-CMR • v2.5 • 6/93

C 02192

Date 3-30-92 Time ☐ ☒ New ☐ Change

Los Angeles County
Hazardous Materials Control Program
Industry Survey

Insp. 074 Page 1 of 1
☒ Routine ☐ Complaint ☐ Revisit
☒ PHL Inv ☐ Joint ☐ NG

PHL# 585483 Code 1000 SIC# Phone 213-747-6747

DBA C I Printing
Owner Shin, Dong Ho
Partner
Address 1035 S. Olive St
unit # 0 number City LA Zip Code 90015
Mailing SAA

Interviewed Dong Ho Shin
Title owner
Start Date 1982 # of employees 4
# of shifts 1 Operating Hours 9 - 6
Violation Rank ☐ I ☐ II ☒ III

Waste Cat	1 214	2 213	3 212	4
Amt (PGT)	15 G	20 G	10 G	

P = pounds, G = gallons, T = tons, per quarter

Product / Service Printing operation Tenon EPA#
☐ HRF Materials D Quantity Storage
UST D Size / For # AST D Size / For

P R O C E S S F L O W C H A R T

process & materials → hazardous waste & rate generated → storage method (drum/AST/UST) → hauler manifest number & date → disposal method / environmental fate

3 Printers - 1 off set printer

Printing Process → Blanket wash, Fountain wash, Waste ink } → Rags → ? Containers NOV

Dark Room Dev, Fix } → Waste Fix Devel, → 2 metal drums → ? NOV

Action 001 012, 028 ☐ Hearing / / ☐ Revisit / / ☐ Abatement / /

Referrals
☐ AQMD ☐ IW
☐ B & S ☐ OSHA
☐ Fire ☐ SDHS
☐ HMCP

Violations / Remarks

Signature(s) Donald Sturzenacker

No. 011358

COUNTY OF LOS ANGELES • DEPARTMENT OF HEALTH SERVICES

HAZARDOUS MATERIALS CONTROL PROGRAM

Owner Shin, Dong Ho

Business C.I. Printing

Address 1035 S Olive St

City, Zip Code LA, 90015

Date 3-30-92

Refer Reply To:
2615 South Grand Avenue, Room 607
Los Angeles, CA 90007
(213) 744-3223
(213) 748-1605 (FAX)

NOTICE OF VIOLATION AND ORDER TO COMPLY

The following conditions or practices observed at your facility are violations of the California Code of Regulations (CCR), Title 26, Division 22 or the California Health and Safety Code, Division 20, Chapter 6.5, (H&S) which relate to the storage, management, transportation, and disposal of hazardous waste. YOU ARE DIRECTED TO CORRECT THE VIOLATIONS WITHIN THE TIMES SPECIFIED BELOW.

CORRECTION DATE		
		DISPOSAL:
_____	☐	1. Discontinue the disposal of hazardous waste to an unauthorized point(s) (H&S 25189.5) _____
_____	☐	2. Legally dispose of all hazardous waste and contaminated materials (H&S 25189.5) _____ (☐ stored at/ ☐ discharged to) _____ (H&S 25189.5) & (H&S 25186.2)
		MANAGEMENT:
_____	☐	3. Submit to this office a copy of your facility's hazardous materials contingency plan and employee training plan. (CCR 67105, 67120-67126, 67140-67145)
		TRANSPORTATION:
4-15-92	☒	4. Discontinue the transport of hazardous waste until the following have been met:
4-15-92	☒	A. Obtain an EPA Identification Number from the State Department of Health Services at (916) 324-1781 (CCR 66472)
4-15-92	☒	B. Complete a uniform Hazardous Waste Manifest or obtain a receipt when applicable under State Department of Health Services variance procedures.
4-15-92	☒	C. Transport all hazardous waste by a State registered hauler. (H&S 25163)
4-15-92	☒	5. Submit to this office a copy of the completed hazardous waste manifest(s) used to dispose of Waste Fix Solution (CCR) 66328).
4-15-92	☒	6. Keep copies at your facility of all completed manifests, receipts or both for a minimum of 3 years and make documents available for agency review. (CCR-66492)
		STORAGE:
_____	☐	7. Discontinue the storage of hazardous waste for longer than 90 days without a permit from the State Department of Health Services (CCR 66508)
_____	☐	8. Store all hazardous waste in compatible containers which are closed and in good condition. (@CR 66241-67243)
4-15-92	☒	9. Properly label all hazardous waste containers with the following: the words, "HAZARDOUS WASTE"; name and address of generator; hazardous properties; a composition and physical state of the waste; and the accumulation date. (CCR 66693-66746) Waste Silver Solution
		OTHER:
_____	☐	10. Provide this office with a site assessment and mitigation plan for the contamination at your facility (H&S 25245-25249) _____
_____	☐	11. Provide this office with a copy of a waste determination conducted by a state certified laboratory or waste documentation in accordance to the regulations. (CCR 66693-66746) _____
4-15-92	☒	12. Provide copies of MSDS

Failure to fully comply with this Notice and Order may result in further legal action.

Owner or Authorized Representative

Hazardous Materials Specialist

COUNTY OF LOS ANGELES—PUBLIC HEALTH LICENSE APPLICATION

ACCT. 585483

10-92
DL #

DATE BUSINESS STARTED 04 16 92 (MO DAY YR)

IN, DONG HO
ST AND MIDDLE INITIAL

1000
BUSINESS CODE

ST AND MIDDLE INITIAL
I. PRINTING

13
DISTRICT CODE

035 S OLIVE ST
NO. ENDING NO. FRACTION DIR STREET

LA 90015
CITY ZIP CODE

35 S OLIVE ST
AND STREET

S ANGELES CA 90015
STATE ZIP CODE

2 WASTE CONTRL

VEH. LICENSE NO./ NO. OF MACHINES S1L

747-6747

PREVIOUS ACCOUNT NUMBER IF ANY

SIGNATURE OF FIELD REPR. Don Stutzenacker

FOR TAX COLLECTORS USE

CURRENT FEE $	
PRORATION $	
PENALTY $	
PRIOR YEAR FEE $	
PRIOR YEAR PEN $	
PAY-TOTAL FEE DUE $	

HRF

COUNTY OF LOS ANGELES • DEPARTMENT OF HEALTH SERVICES
HAZARDOUS MATERIALS CONTROL PROGRAM

DBA C1 Printing SIC 2752 PHL 585483-1000

Address 1035 S. Olive St Product/Service Printing Service

City LA Zip 90015 # emp. 3 Oper. Hours 9-4

Owner Shin, Dong Ho Address SAME Phone (213) 747-674

Partner _____ Address _____ Phone _____

Env. Manager _____ HRF ☐ Mtl/Qty _____

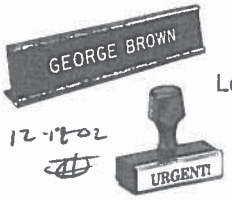
Start Date 1984 EPA # _____

														Years PHL Paid
Date & Initials		DS 3/30/92	DS 9/1/92 FUP											
Highest Violation	Type I													
	Type II													
	Type III	001 013 022	003											
Number of Violations		4-1 4-30	No-1											
Dates to Abate														
Dates Abated														

76H252 (2/90)
H-2899

A-MRC STAMP & SIGN CO.

RUBBER STAMPS • NAMEPLATES



1035A S. Olive St.
Los Angeles, CA 90015
Tel: (213) 748-3818
Fax: (213) 748-3163

12-18-02

RALPH PATE

DATERS • NO. MACHINES • SEAL PRESSES • STEEL STAMPS

County of Los Angeles • Fire Department
Prevention Bureau
Health Hazardous Materials Division
5825 Rickenbacker Rd., Commerce 90040

LOG SHEET

Page _____ of

ite Name: | #

ddress:

Date	HMS Init.	Findings /Remarks
12-12-02	AF	JOINT INSPECTION W/ INSPECTOR WITTHEAD REVEALED A RUBBER STAMP MAKER. SERVICE REQUEST REVEALED THE BUSINESS WITH MOVED IN A YEAR AGO, TO BE A NON-GENERATOR. (HWL) WAS NOT ISSUED. OK TO FILE (AF)

HHMD-LS.G3-11/95

LOS ANGELES COUNTY • CERTIFIED UNIFIED PROGRAM AGENCY

Administered by Los Angeles County Fire Department
1320 North Eastern Avenue
Los Angeles, California 90063-3294

February 6, 2004

Eiji

Ralph Pate
A MRC STAMP & SIGN CO
1035 S Olive St Un A
Los Angeles, CA 90015

Dear Mr. Pate,

A MRC STAMP & SIGN CO, 1035 S OLIVE ST UN A, LOS ANGELES, CA 90015

The Los Angeles County CUPA program has received a referral for the business at the above location. The attached Unified Program application is designed to evaluate a business' eligibility for inclusion in our hazardous waste inspection program or to update existing records. Per California Health and Safety Code, Section 12.52.02, "Every person business or business concern within 30 days of generating or handling a hazardous or extremely hazardous waste shall apply for a license required by this section". Please complete the portions of the application that apply and return it to the address below within 10 working days. For your convenience you may get additional copies of this document at our web site **http://lacofd.org/upforms.htm.**

Los Angeles County Fire Department
Health Hazardous Materials Division
5825 Rickenbacker Road
Commerce, CA 90015

Should you have any questions regarding the Unified Program (UP) Form, please contact the above District at **(323) 890- 4017**.

Sincerely,

Renee Lockridge

Renee Lockridge, Sr. Accounting Systems Tech.
Financial Management Division

— 2002 —

C Ricky/ new complaint

Los Angeles City Fire Department
Technical Section

HAZARDOUS WASTE BUSINESS CONTACT FORM

Date: 11/20/2002

To: MIGUEL GARCIA CENTRAL
~~MARTHA MARTINEZ, Financial Management~~
Los Angeles County Fire Department
Phone# (323) 838-2331 Fax# (323) 869-0729

From: CIABAN FONG, Data Management Unit
Los Angeles City Fire Department
Phone# (213) 485-8080 Fax# (213) 485-8994

Facility Number: 035112-2 **Haz Waste ID:**

[X] **New Business** **County Fee Code:**

[ ] **Existing Business**

Please see attached business information from.
Previous location is W084050.
Please note this is a different business from W585483 on new site.

Other Changes

Business Name: A MRC STAMP & SIGN CO
Site Address: 1035 S OLIVE ST UN A **City** LOS ANGELES **Zip** 90015
Mailing Address: 1035 OLIVE ST UN A **City** LOS ANGELES **Zip** 90015
Business Owner: RALPH PATE **Phone#** (213) 748-3818
Caller Name: NEW BUS IS HW GENERATOR **Phone#** ( ) -

County Response:

[ ] No Action Necessary
[ ] Inactivate
[ ] Incorrect Fee
[X] Other: INSPECTION RECORDED A NON GENERATOR, HWL - WAS NOT ISSUED.
[ ] Updated Info. To Follow
[ ] Do Not Bill
[ ] Not A Haz Waste Generator

County Fee Code: _____

Nov 20 2002 16:45 P.01

COUNTY OF LOS ANGELES * FIRE DEPARTMENT
HEALTH HAZARDOUS MATERIALS DIVISION

INSPECTION REPORT

12-12-02

A- MRC STAMP & SIGN CO.	N/A

- JOINT INSPECTION WAS CONDUCTED WITH INSPECTOR, WHITEHEAD.
- SERVICE REQUEST REVEALED A RUBBER STAMP MAKER THAT MOVED IN AYEAR AGO FROM A NEARBY LOCATION.
- THE CURRENT STATUS OF THE RUBBER STAMP MAKER IS A NON-GENERATOR.

PROCESS

(1) A METAL PLATE IS CREATED FOR THE RUBBER STAMP LETTERING. PRESS MACHINE USED HYDRAULIC OIL, BUT NO WASTE IS GENERATED, OIL IS REPLENISHED TWICE A YEAR, BUT NON IS TAKEN OUT. (NON HAZ)

(2) FOLLOWING THE CREATION OF THE PLATE, A RUBBER STRIP IS HEAT PRESSED ONTO THE METAL PLATE TO FORGE THE IMAGE ON THE RUBBER STRIP. (NON HAZ)

(3) THE RUBBER STRIP IS GLUED TO EITHER A PLASTIC OR WOOD PRE-FABRICATED STAMPERS. GLUE IS APPLIED WITH A SMALL BRUSH. A SMALL AMOUNT OF THINNER IS USED WITH A BRUSH TO WIPE OFF ANY GLUE SMUDGES. THE THINNER IS REPLENISHED, AND NO WASTE IS GENERATED. THE THINNER IS PLACED IN A SMALL 8 OUNCE BOTTLE FOR USE. (NON HAZ)

(4) INK IS INSERTED INTO THE PRE FABRICATED STAMPER PADS. (NO HAZ).

STORAGE

1- 1 GALLON STOCK THINNER.
1- 12 OUNCE STOCK ISOPROPYL ALCOHOL
2- 12 OUNCE STOCK GLUE.
+/- 25 (12) OUNCE STOCK INK.

- PHOTODEVELOPING AND CONVENTIONAL PRINTING IS NO LONGER DONE ONSITE, IT IS CONTRACTED OUT.

*BUSINESS IS A NON GENERATOR, HWL WAS NOT ISSUED.

TSM RECOVERY
& RECYCLING CO., INC.
3422 W. PICO BLVD.
LOS ANGELES, CA 90019
PHONE: (323) 735-9443
FAX: (323) 735-0988

MATERIAL RECEIPT

GOLD and SILVER RECOVERY

T. S. D. EPA#CAD 108040858
LIC. HAZARDOUS WASTE HAULER

MATERIAL RECEIPT NUMBER
LA- 83474

DATE

ACCT. # 1640
C.I. PRINTING

RECEIVED FROM:

PHONE: 213 747-6747

PAY TO:

ADDRESS 1035 S. OLIVE STREET CITY LOS ANGELES STATE CA ZIP

Spot ☐ Refining ☐ Payment ☐ Consignment ☐ Toll ☐ Wet ☐ Dry ☐ Gross ☐ Net ☐

CONTAINERS	GAL/LBS	DESCRIPTION		UNIT PRICE	TOTAL DUE
		☐ BLEACH FIX	☐ BLEACH FIX OF		
		☐ C41	☐ C41 OF		
		☐ B & W	☐ B & W OF		
		☐ PHOTO WASTE / DEVELOPER	☐ OTHER		
		☐ PMT & ITEK & RC PAPER	☐ COLOR PAPER		
		☐ LITHO FILM	☐ LITHO FILM W PAPER		
		☐ POSITIVE LITHO FILM	☐ FILM ENDS		
		☐ INK (DRUMS)			
		☐ ALUMINUM PLATES			
		☐ CHIP	☐ CARTRIDGE		
1		☐ HAZARDOUS WASTE LABEL			
		☐ RECYCLABLE WASTE LABEL			
		NEW CHEMISTRY			
		☐ RA 3300 FIX	☐ RA 2200 DEVELOPER		
		☐ OTHER			

SPECIAL INSTRUCTIONS

Office Use Only:

Plus 11/5

I hereby certify that I have authorization to release the materials listed above for reclamation and if payment has been directed to me as indicated above, true and lawful title to all materials listed on this receipt.

RELEASE/ACCEPTED: TITLE

TSM REPRESENTATIVE:

WHITE: Original
YELLOW: Duplicate Copy
PINK: Customer Copy

HAZARDOUS WASTE PRODUCER SURVEY
County of Los Angeles Department of Health Services
TOXIC SUBSTANCES CONTROL PROGRAM

SIC No. 2789 Date 1/17/83

Company Name	Address	City	District
Bookcraft Binding Co	1042 S. Olive St	L.A 90015	East

Owner	Person Interviewed	Phone No.
Eredina Cruz	M. Packham - Plant mgr.	748-6755

Type of Facility	L.A. County PHL #	Survey Conducted by	# of Employees
Book Binding	426101	Bruce Wojcik	3

Description of Operation
Book Binding - Stitching, cutting, glueing, overcasting, gold stamping, library books, medical + industrial journals

Industrial Waste Permit # NO

EPA #

Raw Materials	Processes	Products	Wastes: Type	Wastes: Disposal Method
Paper Board			Paper waste	Trash
- adhesive - National adhesives - Resyn 32 - 1709 - NBU - 19	- white glue			
- Glutofix - methyl cellulose paste	Powder mixed with water applied to cardboard Slave of Book		Empty glue containers	trash
- Solvent - (Small can)	- clean Equip.		rags	rag service

REMARKS: requests variance - (form mailed) - No significant amount of Haz waste produced < 1-2 lbs per month

VIOLATIONS:

Action

Referral

PLANT SURVEY

COMMUNITY HEALTH SERVICES

COUNTY OF LOS ANGELES DEPARTMENT OF HEALTH SERVICES

SIC No. 2780

DATE 12-8-76

COMPANY NAME	ADDRESS	DISTRICT
Llanes Bookbinding Co.	1042 S. Olive St. Los Angeles	Centeno
TOP OFFICIAL	**PERSON INTERVIEWED**	**PHONE NO.**
George Llanes - owner	Francisco Arellano - foreman	748-6755
TYPE OF INDUSTRY	**I.H.**	**TIME**
Bookbinding		1?

DESCRIPTION OF OPERATION

LOCATION	OPERATION OBSERVED	HAZARDS	TYPE OF CONTROL	NO. EXP.	CONTROL A	CONTROL I	STUDY
Main Bldg	Blueing Paper	water base glue	General	2	X		
" "	Sawing	wood dust	" "	1	X		

REMARKS

H-1296 (2-69)

APPENDIX G

HISTORICAL RESEARCH DOCUMENTATION

Leighton

1001 South Olive Street
1001 South Olive Street
Los Angeles, CA 90015

Inquiry Number: 3506622.3
January 31, 2013

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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Date EDR Searched Historical Sources:

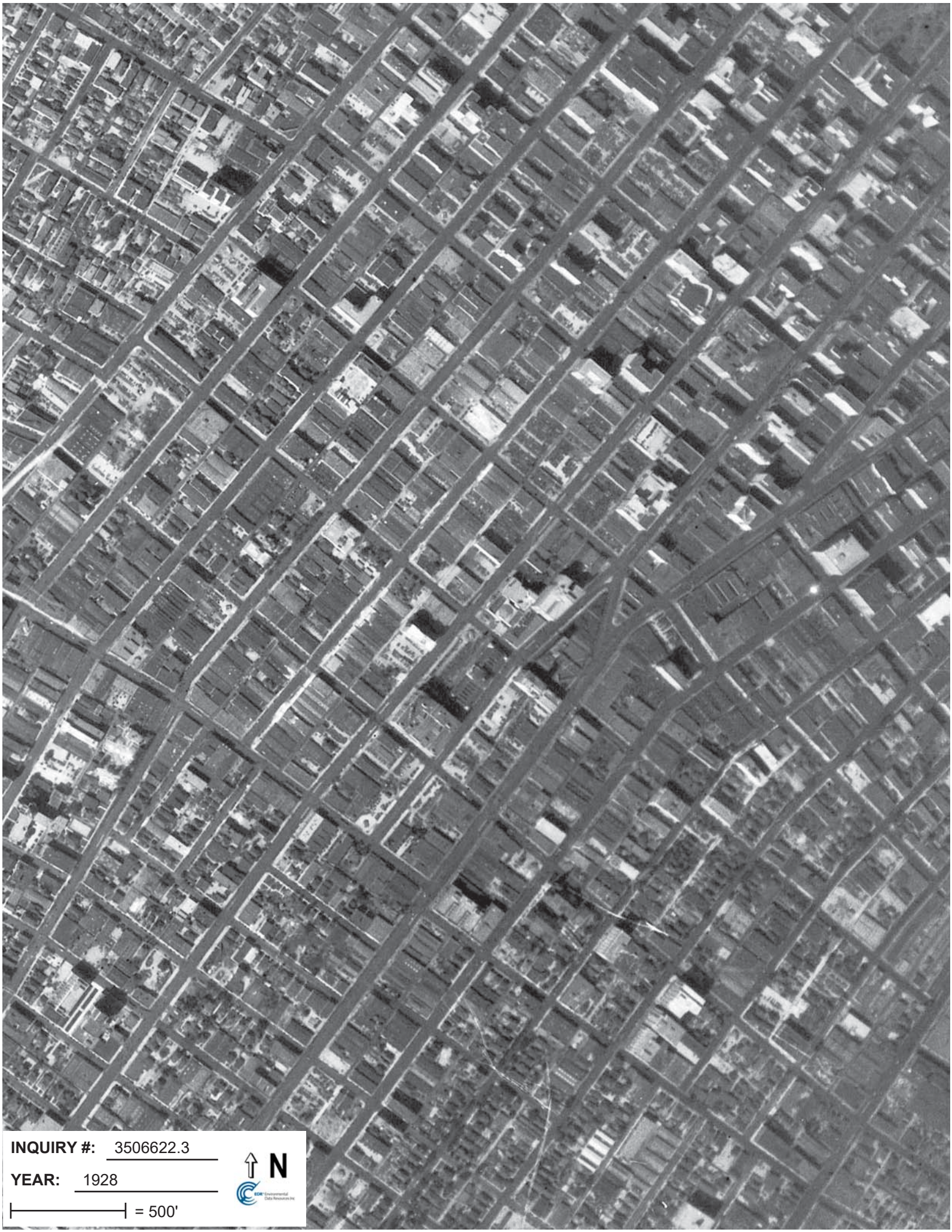
Aerial Photography January 31, 2013

Target Property:

1001 South Olive Street

Los Angeles, CA 90015

Year	Scale	Details	Source
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928	Fairchild
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	Laval
1947	Aerial Photograph. Scale: 1"=500'	Flight Year: 1947	Fairchild
1956	Aerial Photograph. Scale: 1"=500'	Flight Year: 1956	Fairchild
1965	Aerial Photograph. Scale: 1"=500'	Flight Year: 1965	Fairchild
1976	Aerial Photograph. Scale: 1"=500'	Flight Year: 1976	Teledyne
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR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YEAR: 1928
= 500'
N

INQUIRY #: 3506622.3
YEAR: 1938
= 500'
N

INQUIRY #: 3506622.3
YEAR: 1947
= 500'
N

INQUIRY #: 3506622.3

YEAR: 1956

= 500'

N

INQUIRY #: 3506622.3
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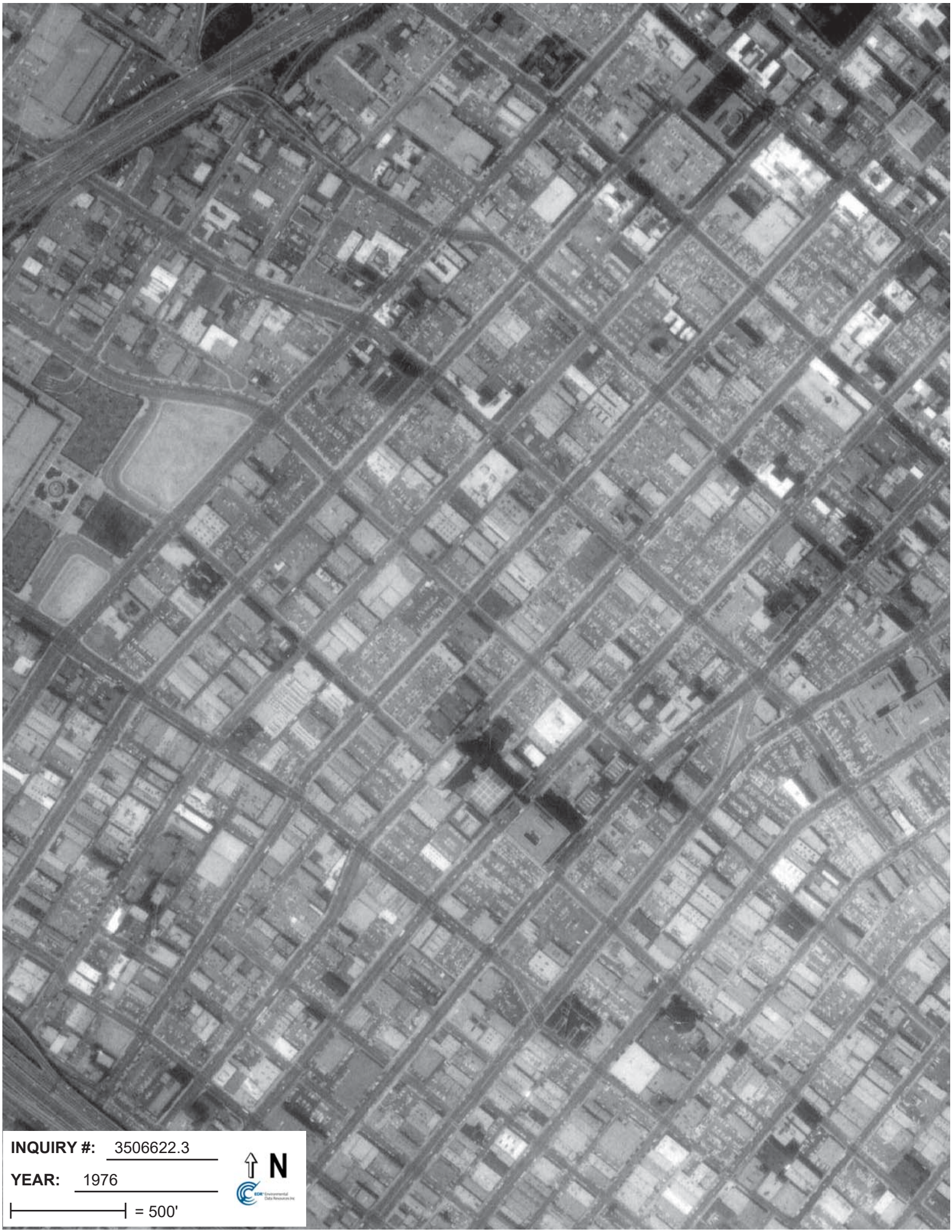
N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YEAR: 1976
= 500'
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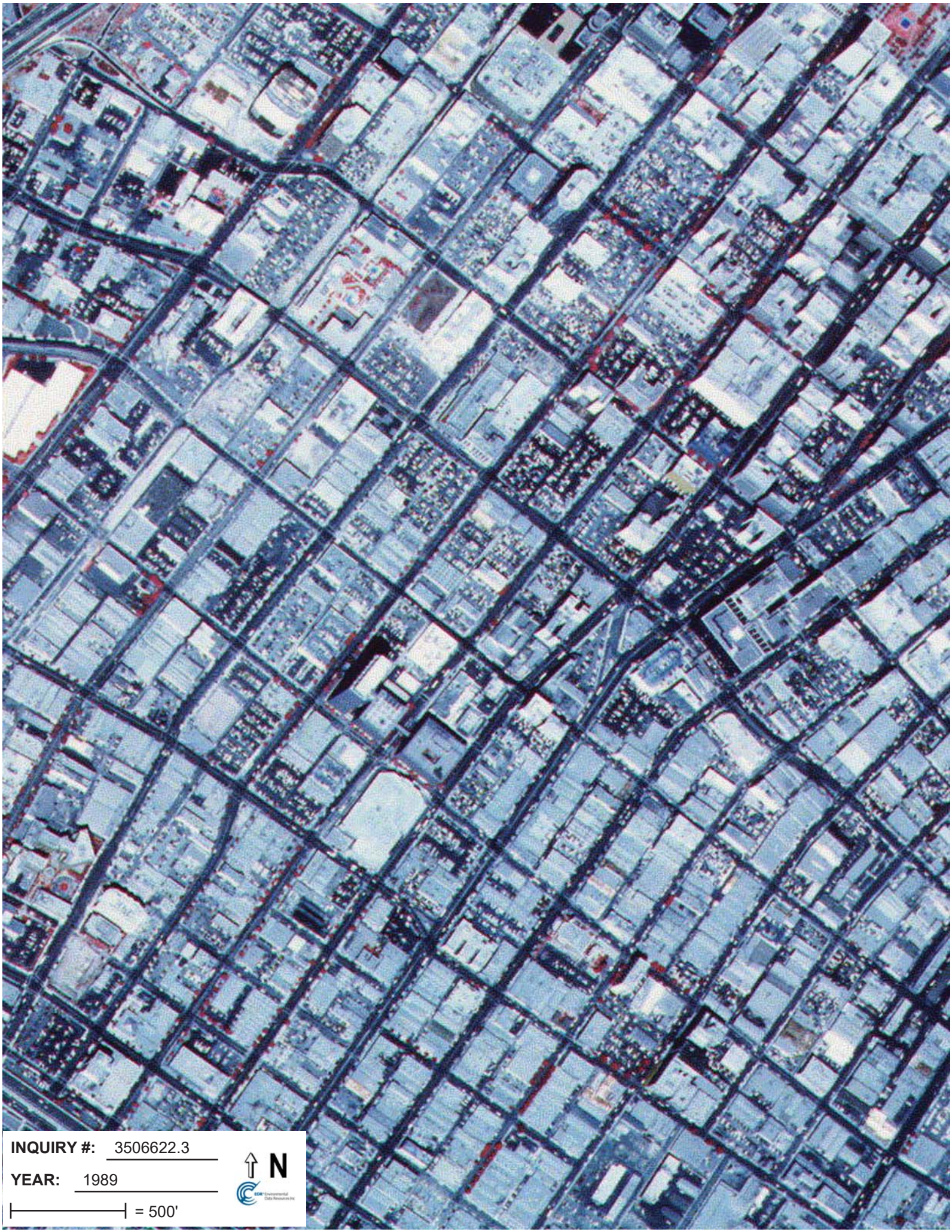
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YEAR: 1989
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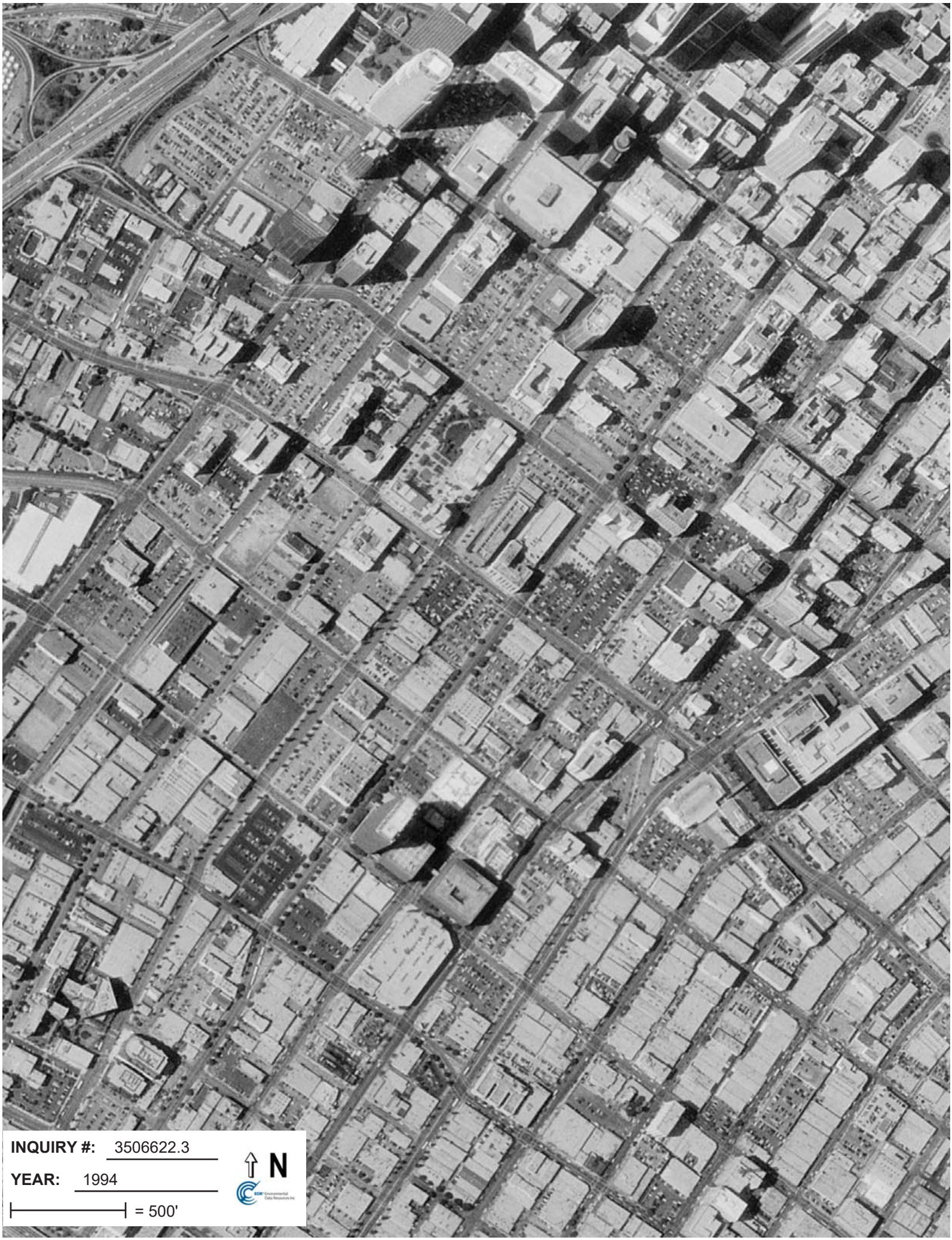
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INQUIRY #: 3506622.3
YEAR: 2009
= 500'
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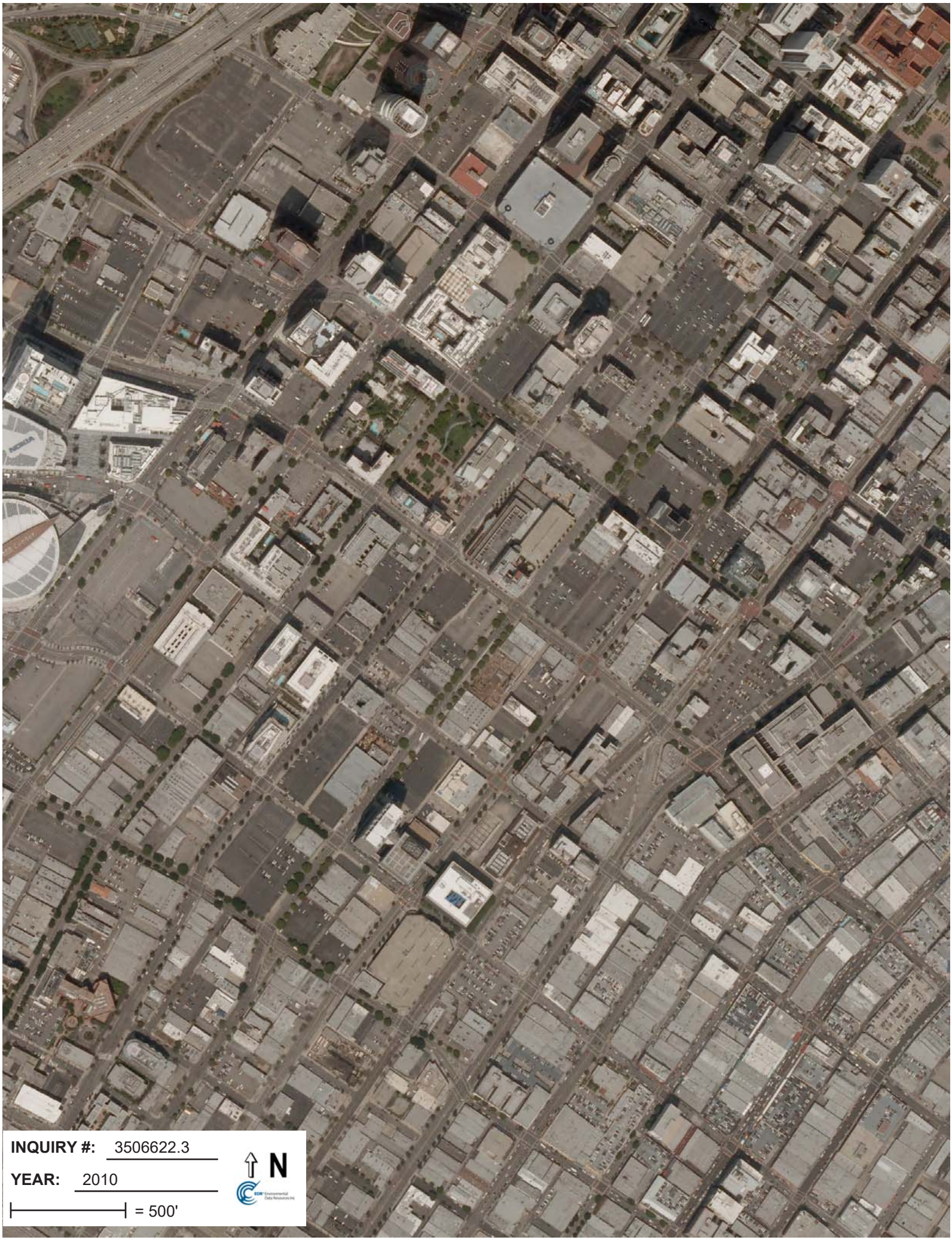
INQUIRY #: 3506622.3
YEAR: 2010
= 500'
N

1001 South Olive Street
1001 South Olive Street
Los Angeles, CA 90015

Inquiry Number: 3506622.6
January 30, 2013

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

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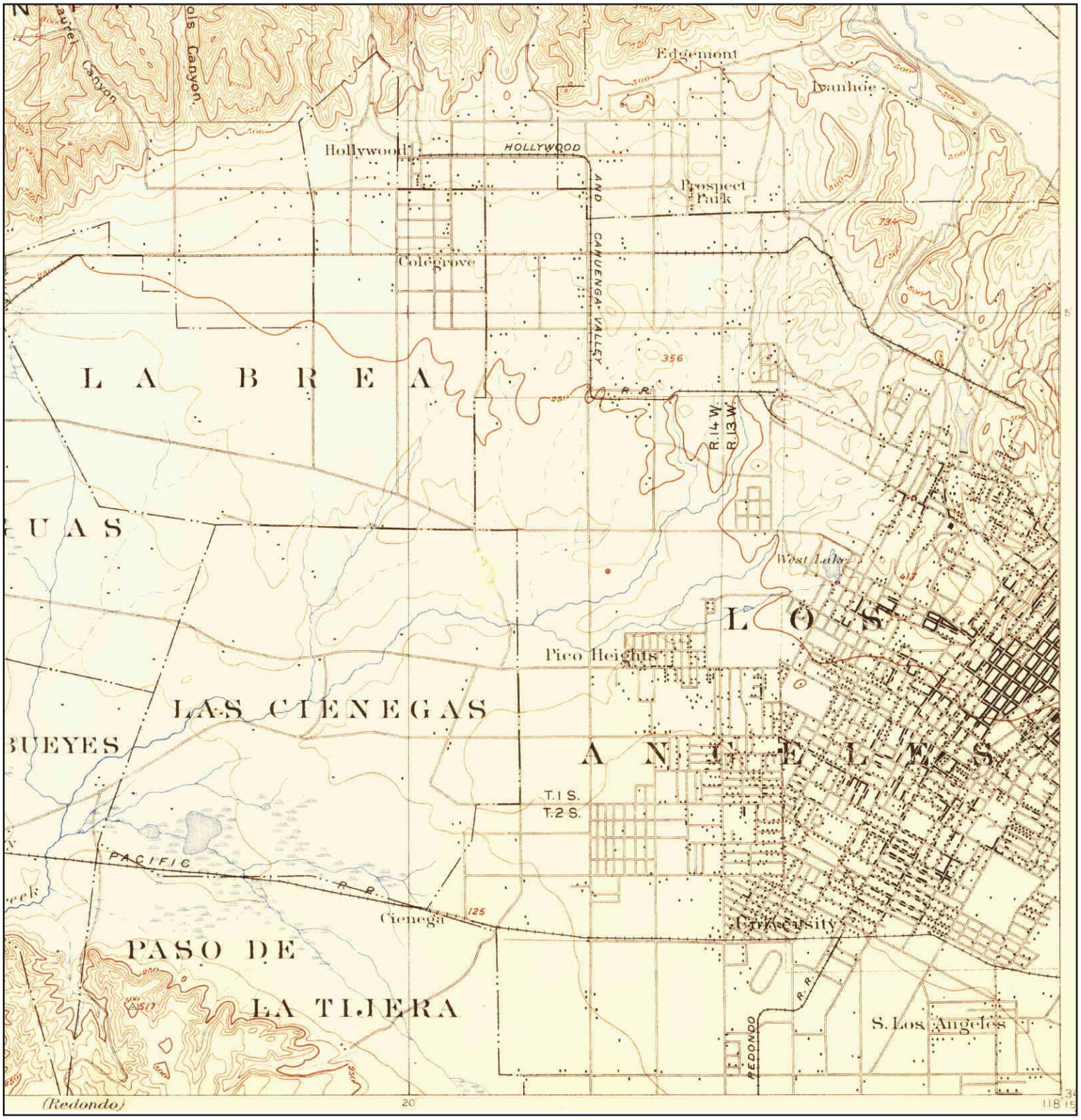
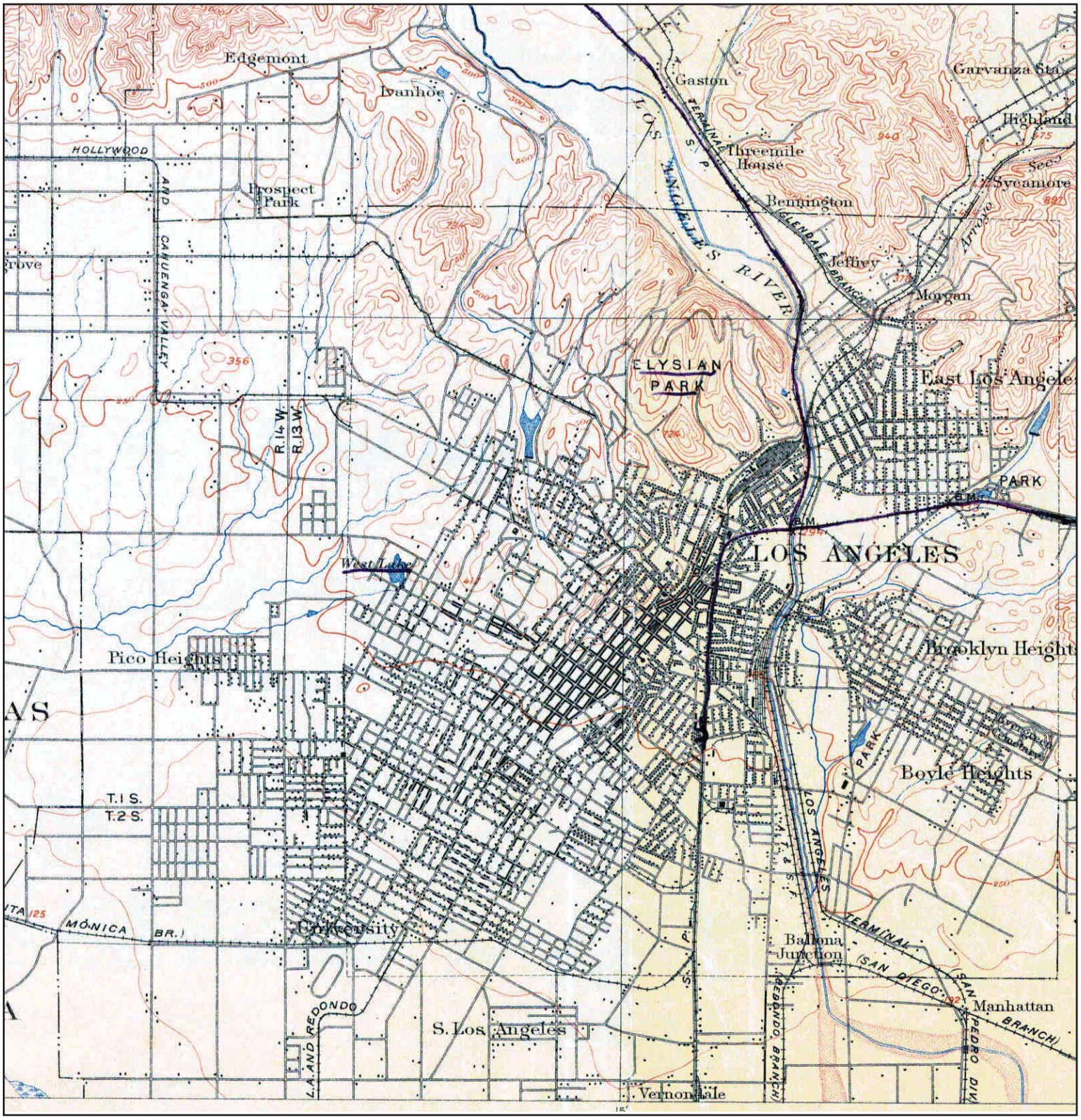
Historical Topographic Map



N	TARGET QUAD			
	NAME:	SANTA MONICA	SITE NAME:	1001 South Olive Street
	MAP YEAR:	1896	ADDRESS:	1001 South Olive Street
				Los Angeles, CA 90015
	SERIES:	15	LAT/LONG:	34.0421 / -118.2601
	SCALE:	1:62500		

CLIENT:	Leighton & Associates, Inc.
CONTACT:	Kristin Stout
INQUIRY#:	3506622.6
RESEARCH DATE:	01/30/2013

Historical Topographic Map

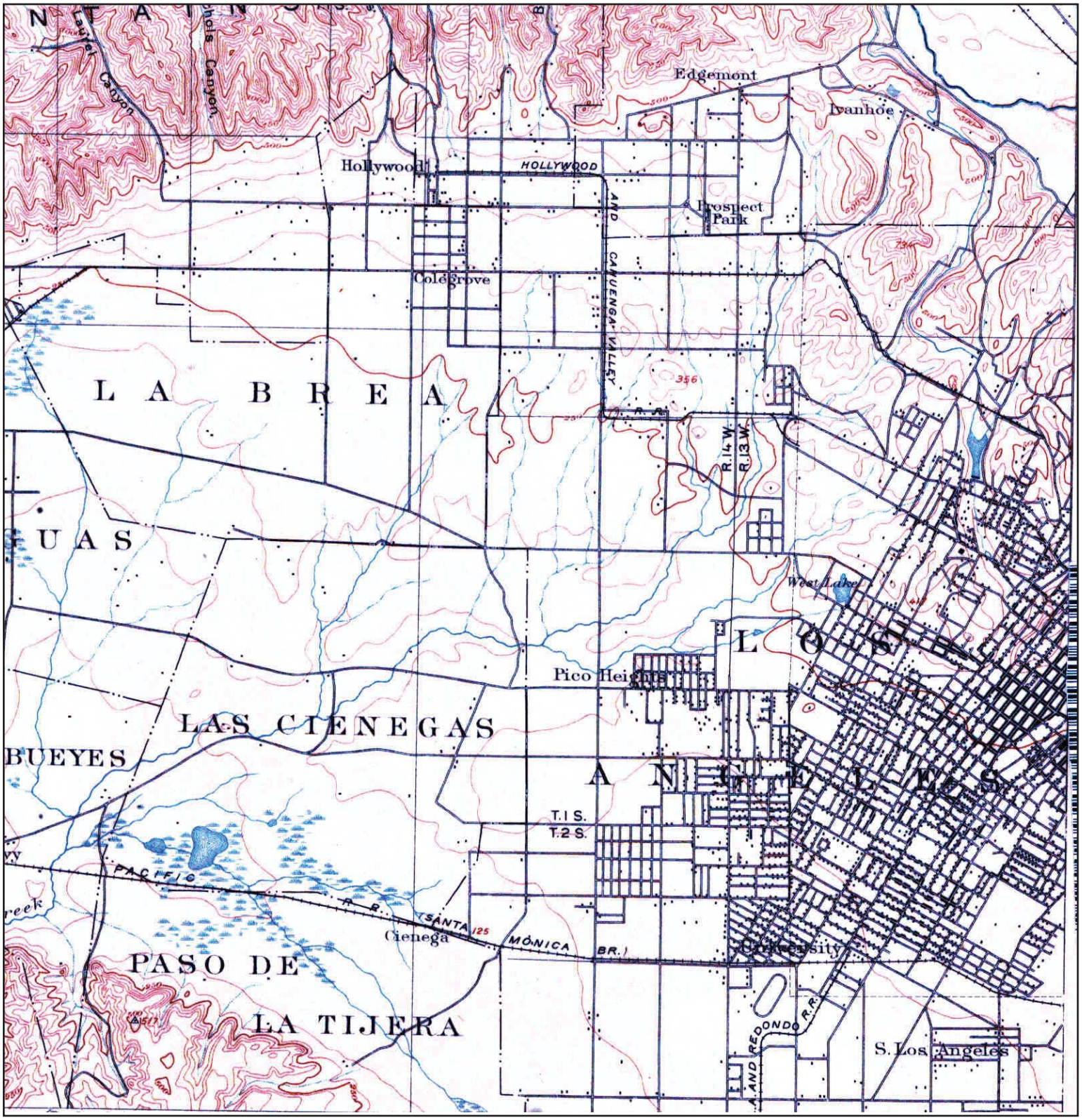


N	TARGET QUAD NAME: LOS ANGELES MAP YEAR: 1900 SERIES: 15 SCALE: 1:62500	SITE NAME: 1001 South Olive Street ADDRESS: 1001 South Olive Street Los Angeles, CA 90015 LAT/LONG: 34.0421 / -118.2601	CLIENT: Leighton & Associates, Inc. CONTACT: Kristin Stout INQUIRY#: 3506622.6 RESEARCH DATE: 01/30/2013

Historical Topographic Map

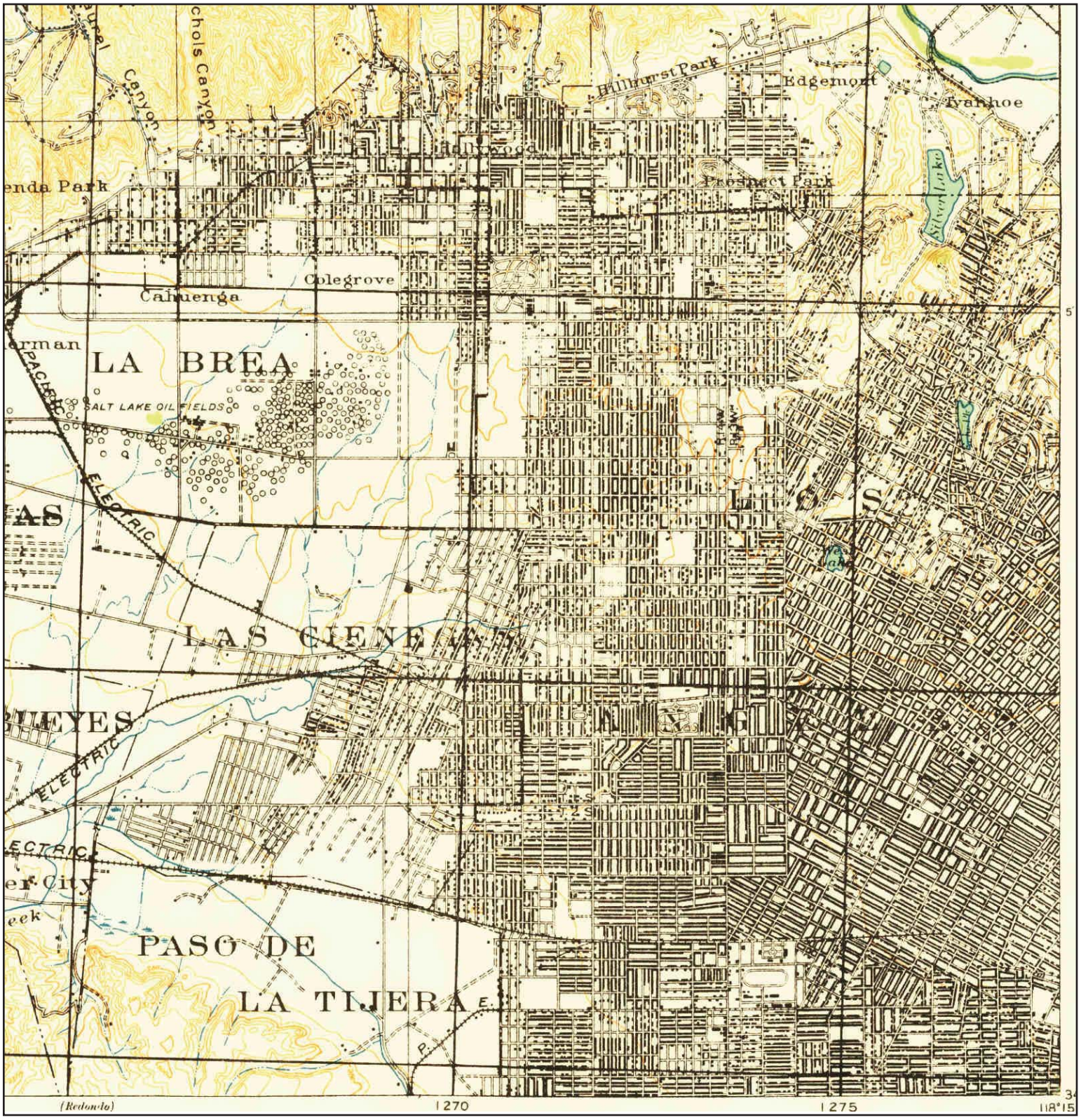
N	TARGET QUAD NAME: SOUTHERN CA SHEET 1 MAP YEAR: 1901 SERIES: 60 SCALE: 1:250000	SITE NAME: 1001 South Olive Street ADDRESS: 1001 South Olive Street Los Angeles, CA 90015 LAT/LONG: 34.0421 / -118.2601	CLIENT: Leighton & Associates, Inc. CONTACT: Kristin Stout INQUIRY#: 3506622.6 RESEARCH DATE: 01/30/2013

Historical Topographic Map



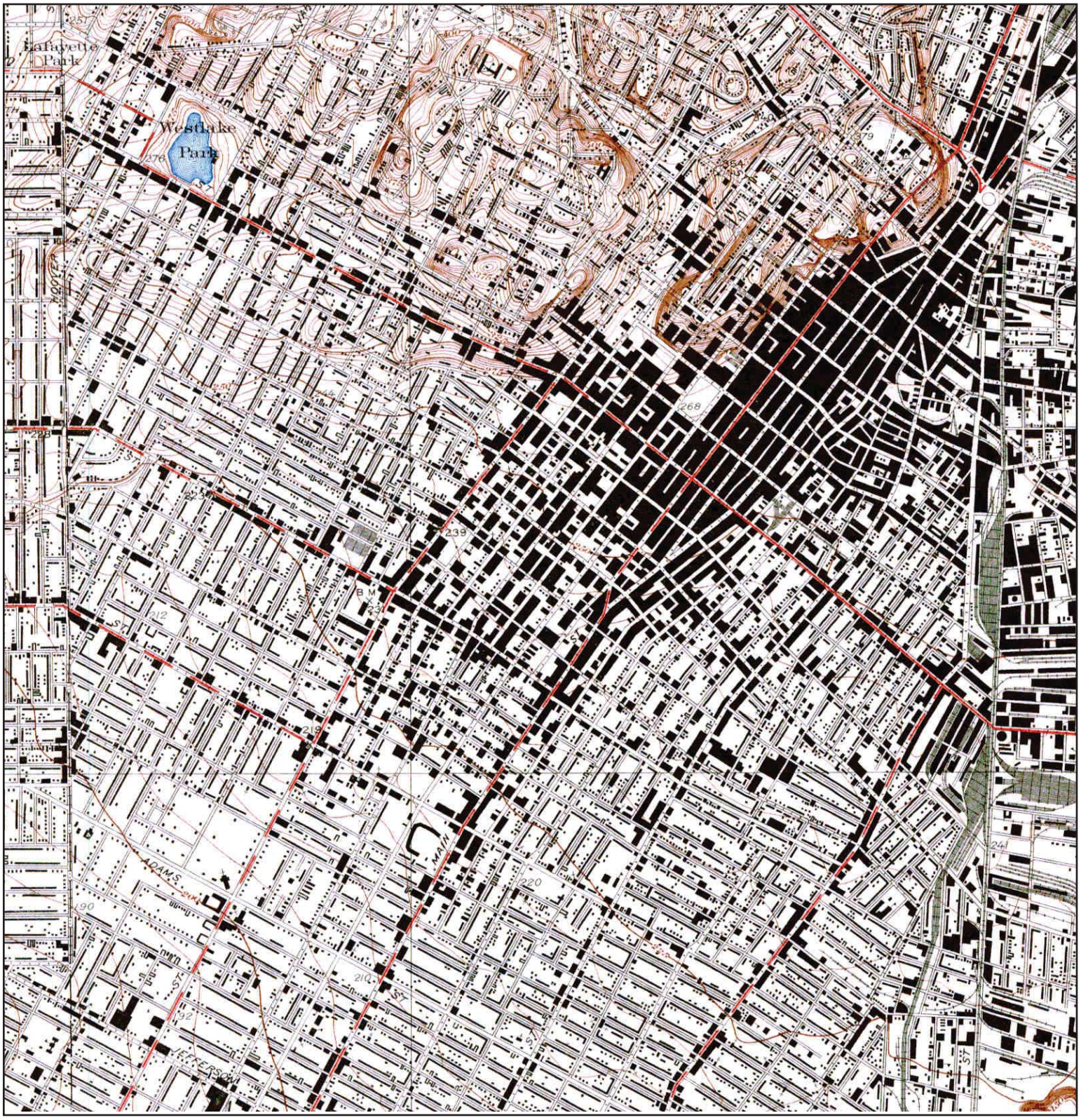
N	TARGET QUAD NAME: SANTA MONICA MAP YEAR: 1902 SERIES: 15 SCALE: 1:62500	SITE NAME: 1001 South Olive Street ADDRESS: 1001 South Olive Street Los Angeles, CA 90015 LAT/LONG: 34.0421 / -118.2601	CLIENT: Leighton & Associates, Inc. CONTACT: Kristin Stout INQUIRY#: 3506622.6 RESEARCH DATE: 01/30/2013

Historical Topographic Map



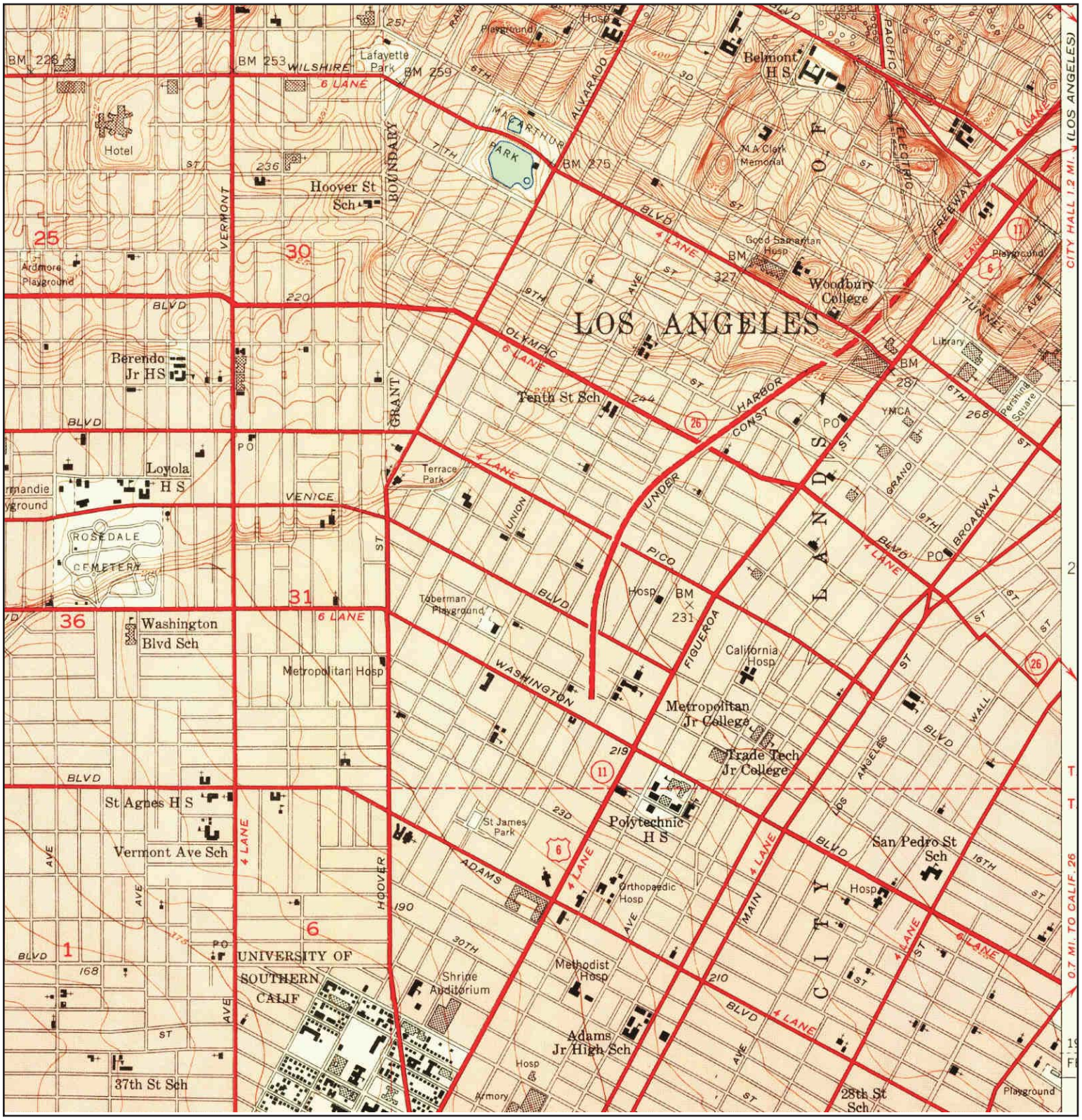
N	TARGET QUAD NAME: SANTA MONICA MAP YEAR: 1920 SERIES: 15 SCALE: 1:62500	SITE NAME: 1001 South Olive Street ADDRESS: 1001 South Olive Street Los Angeles, CA 90015 LAT/LONG: 34.0421 / -118.2601	CLIENT: Leighton & Associates, Inc. CONTACT: Kristin Stout INQUIRY#: 3506622.6 RESEARCH DATE: 01/30/2013

Historical Topographic Map



N	TARGET QUAD NAME: LOS ANGELES MAP YEAR: 1928 SERIES: 6 SCALE: 1:24000	SITE NAME: 1001 South Olive Street ADDRESS: 1001 South Olive Street Los Angeles, CA 90015 LAT/LONG: 34.0421 / -118.2601	CLIENT: Leighton & Associates, Inc. CONTACT: Kristin Stout INQUIRY#: 3506622.6 RESEARCH DATE: 01/30/2013

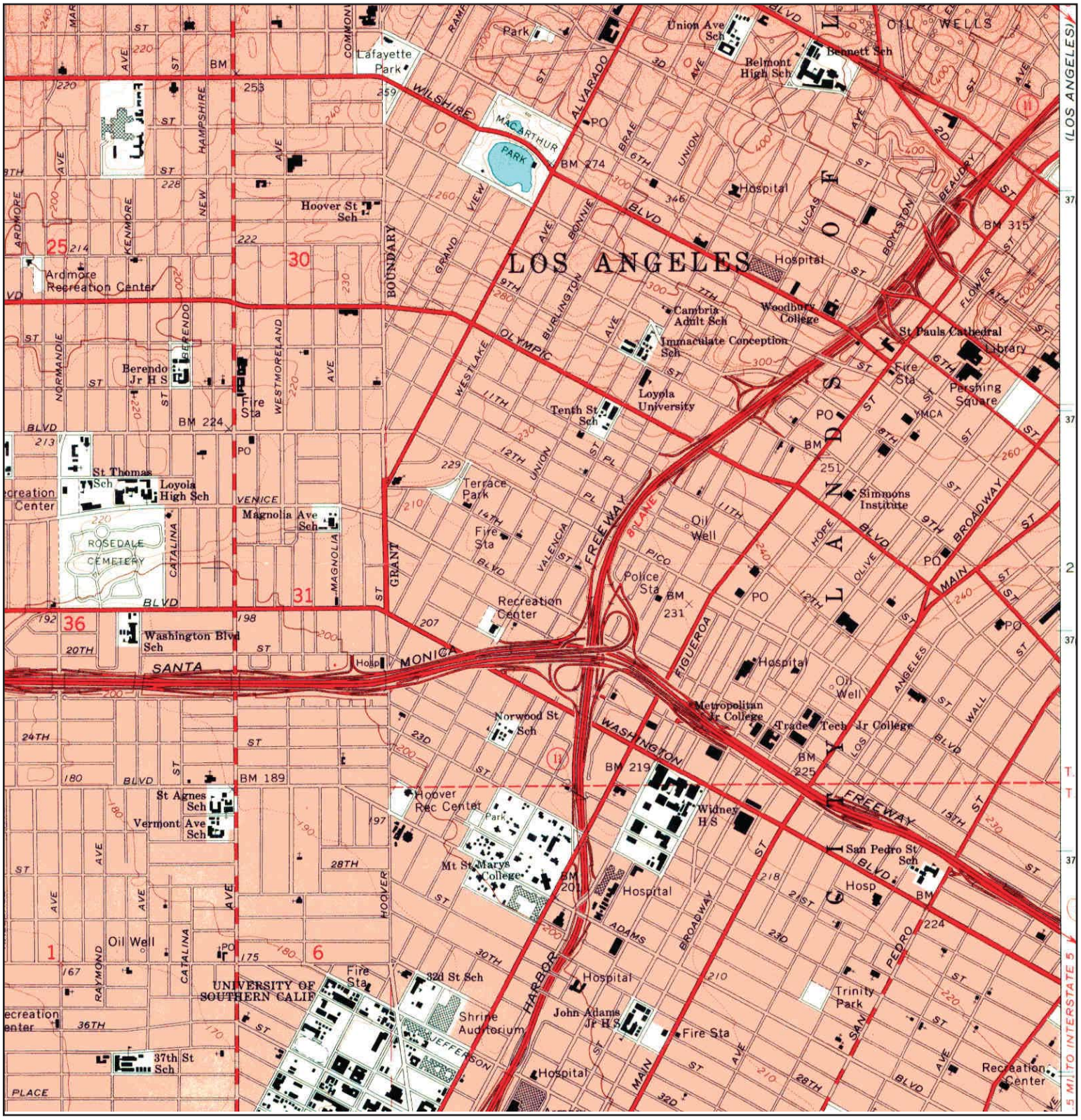
Historical Topographic Map



N	TARGET QUAD			
	NAME:	HOLLYWOOD	SITE NAME:	1001 South Olive Street
	MAP YEAR:	1953	ADDRESS:	1001 South Olive Street
				Los Angeles, CA 90015
	SERIES:	7.5	LAT/LONG:	34.0421 / -118.2601
	SCALE:	1:24000		

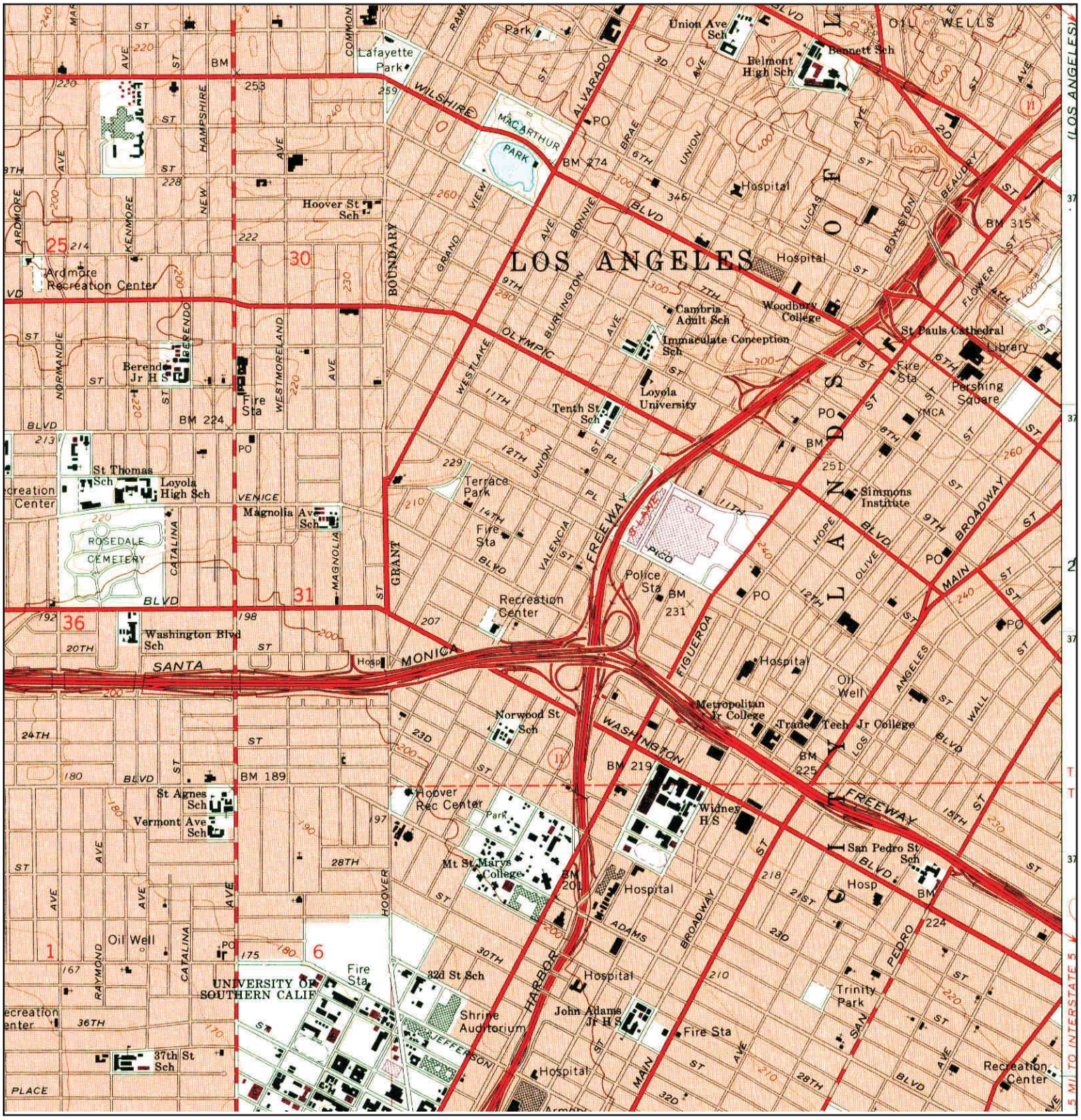
CLIENT:	Leighton & Associates, Inc.
CONTACT:	Kristin Stout
INQUIRY#:	3506622.6
RESEARCH DATE:	01/30/2013

Historical Topographic Map



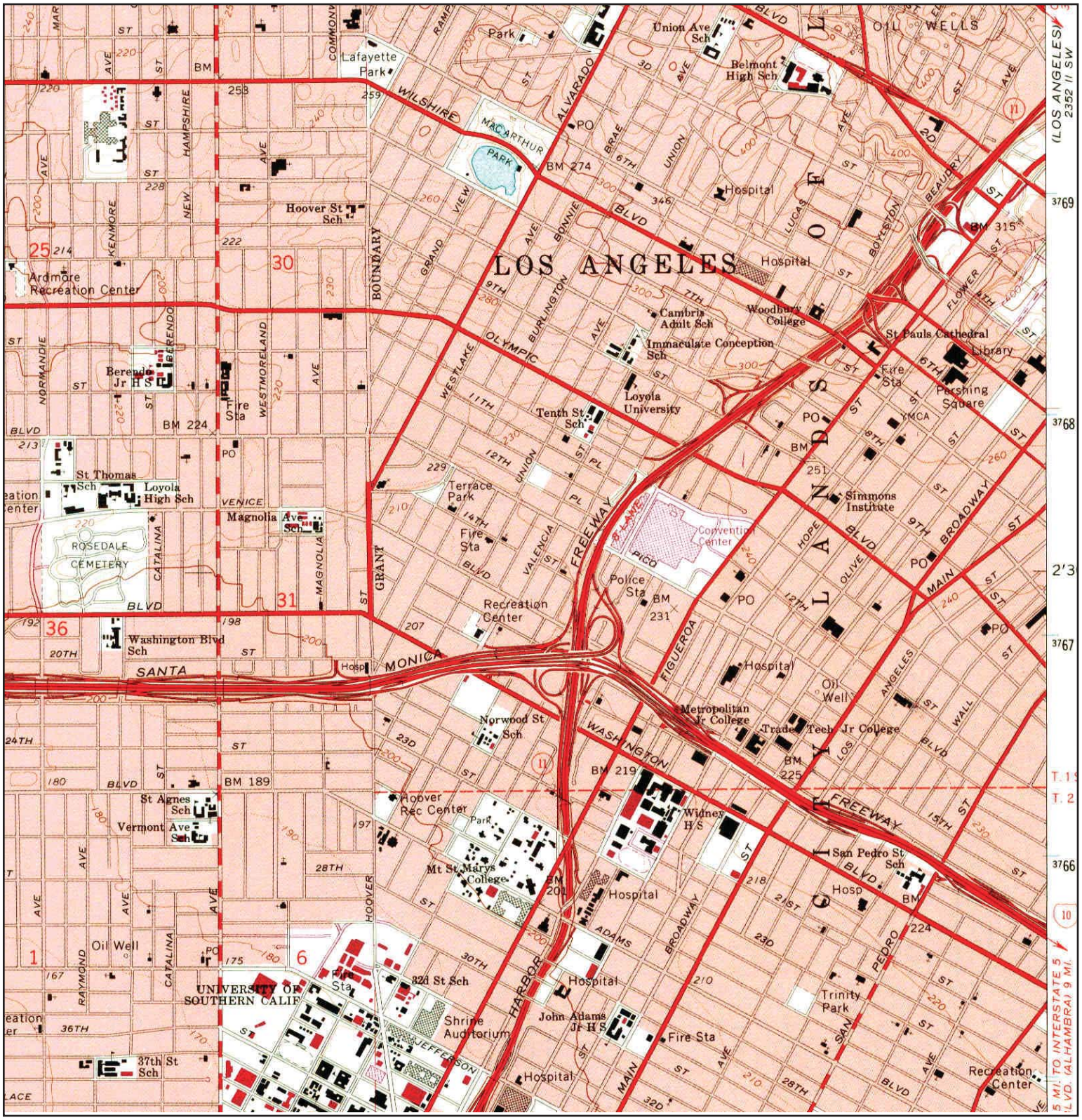
N	TARGET QUAD NAME: HOLLYWOOD MAP YEAR: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1001 South Olive Street ADDRESS: 1001 South Olive Street Los Angeles, CA 90015 LAT/LONG: 34.0421 / -118.2601	CLIENT: Leighton & Associates, Inc. CONTACT: Kristin Stout INQUIRY#: 3506622.6 RESEARCH DATE: 01/30/2013

Historical Topographic Map



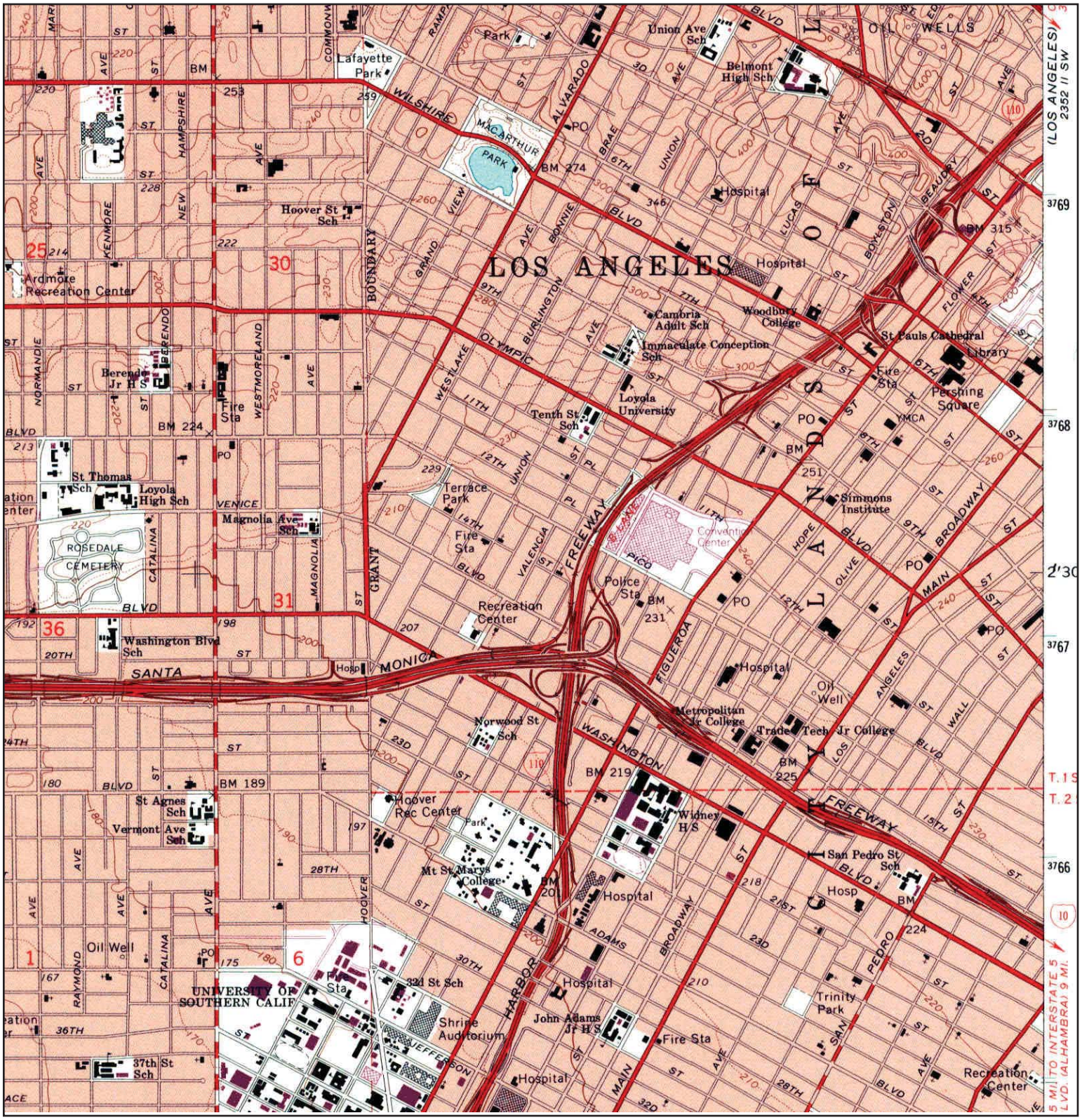
N	TARGET QUAD NAME: HOLLYWOOD MAP YEAR: 1972 PHOTOREVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1001 South Olive Street ADDRESS: 1001 South Olive Street Los Angeles, CA 90015 LAT/LONG: 34.0421 / -118.2601	CLIENT: Leighton & Associates, Inc. CONTACT: Kristin Stout INQUIRY#: 3506622.6 RESEARCH DATE: 01/30/2013

Historical Topographic Map



N	TARGET QUAD				
	NAME:	HOLLYWOOD	SITE NAME:	1001 South Olive Street	CLIENT: Leighton & Associates, Inc.
	MAP YEAR:	1981	ADDRESS:	1001 South Olive Street	CONTACT: Kristin Stout
	PHOTOREVISED FROM :	1966		Los Angeles, CA 90015	INQUIRY#: 3506622.6
	SERIES:	7.5	LAT/LONG:	34.0421 / -118.2601	RESEARCH DATE: 01/30/2013
	SCALE:	1:24000			

Historical Topographic Map



N	TARGET QUAD NAME: HOLLYWOOD MAP YEAR: 1994 REVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1001 South Olive Street ADDRESS: 1001 South Olive Street Los Angeles, CA 90015 LAT/LONG: 34.0421 / -118.2601	CLIENT: Leighton & Associates, Inc. CONTACT: Kristin Stout INQUIRY#: 3506622.6 RESEARCH DATE: 01/30/2013

South Olive Street/West 11th Street
South Olive Street/West 11th Street
Los Angeles, CA 90015

Inquiry Number: 4111546.3
October 21, 2014

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

10/21/14

Site Name:
South Olive Street/West 11th
South Olive Street/West 11th
Los Angeles, CA 90015

Client Name:
Leighton and Associates, Inc.
17781 Cowan
Irvine, CA 92614

EDR Inquiry # 4111546.3

Contact: Breeanna Copeland

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Certified Sanborn Results:

Site Name: South Olive Street/West 11th Street
Address: South Olive Street/West 11th Street
City, State, Zip: Los Angeles, CA 90015
Cross Street:
P.O. # NA
Project: 10849.001
Certification # 7045-4C12-972C

Maps Provided:

1970	1958	1894
1968	1955	1888
1967	1953	
1963	1950	
1962	1920	
1960	1906	

Sanborn® Library search results
Certification # 7045-4C12-972C

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1970 Source Sheets

Volume 1, Sheet 77

Volume 1, Sheet 78

Volume 1, Sheet 89

Volume 1, Sheet 90

1968 Source Sheets

Volume 1, Sheet 77

Volume 1, Sheet 78

Volume 1, Sheet 89

Volume 1, Sheet 90

1967 Source Sheets

Volume 1, Sheet 77

Volume 1, Sheet 78

Volume 1, Sheet 89

Volume 1, Sheet 90

1963 Source Sheets

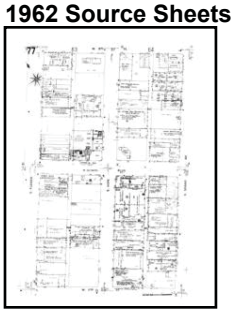
Volume 1, Sheet 77

Volume 1, Sheet 78

Volume 1, Sheet 89

Volume 1, Sheet 90

1962 Source Sheets



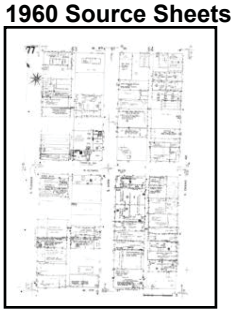
Volume 1, Sheet 77

Volume 1, Sheet 78

Volume 1, Sheet 89

Volume 1, Sheet 90

1960 Source Sheets



Volume 1, Sheet 77

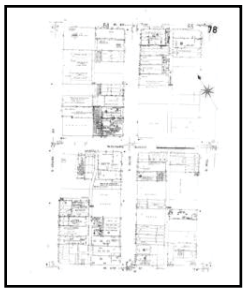
Volume 1, Sheet 78

Volume 1, Sheet 89

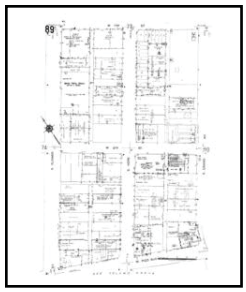
Volume 1, Sheet 90

1958 Source Sheets

Volume 1, Sheet 77



Volume 1, Sheet 78



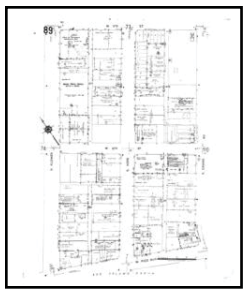
Volume 1, Sheet 89

Volume 1, Sheet 90

1955 Source Sheets

Volume 1, Sheet 77

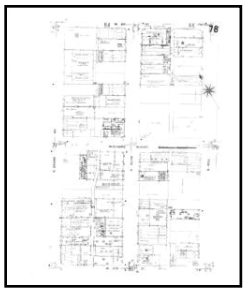
Volume 1, Sheet 78



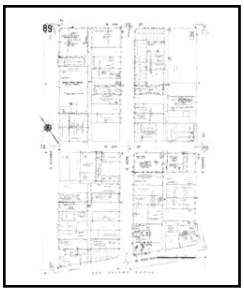
Volume 1, Sheet 89

1953 Source Sheets

Volume 1, Sheet 77



Volume 1, Sheet 78



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Volume 1, Sheet 90

1950 Source Sheets

Volume 1, Sheet 77

Volume 1, Sheet 78

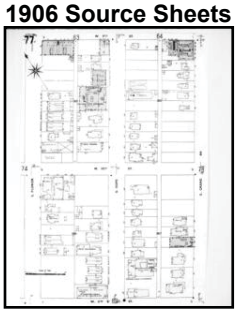
Volume 1, Sheet 89

Volume 1, Sheet 90

1920 Source Sheets

Volume Congested Business District, Sheet

1906 Source Sheets



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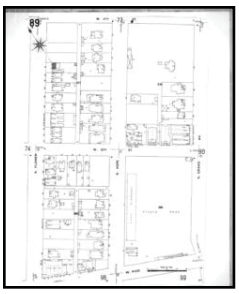
Volume 1, Sheet 78



Volume 1, Sheet 89

Volume 1, Sheet 90

1894 Source Sheets

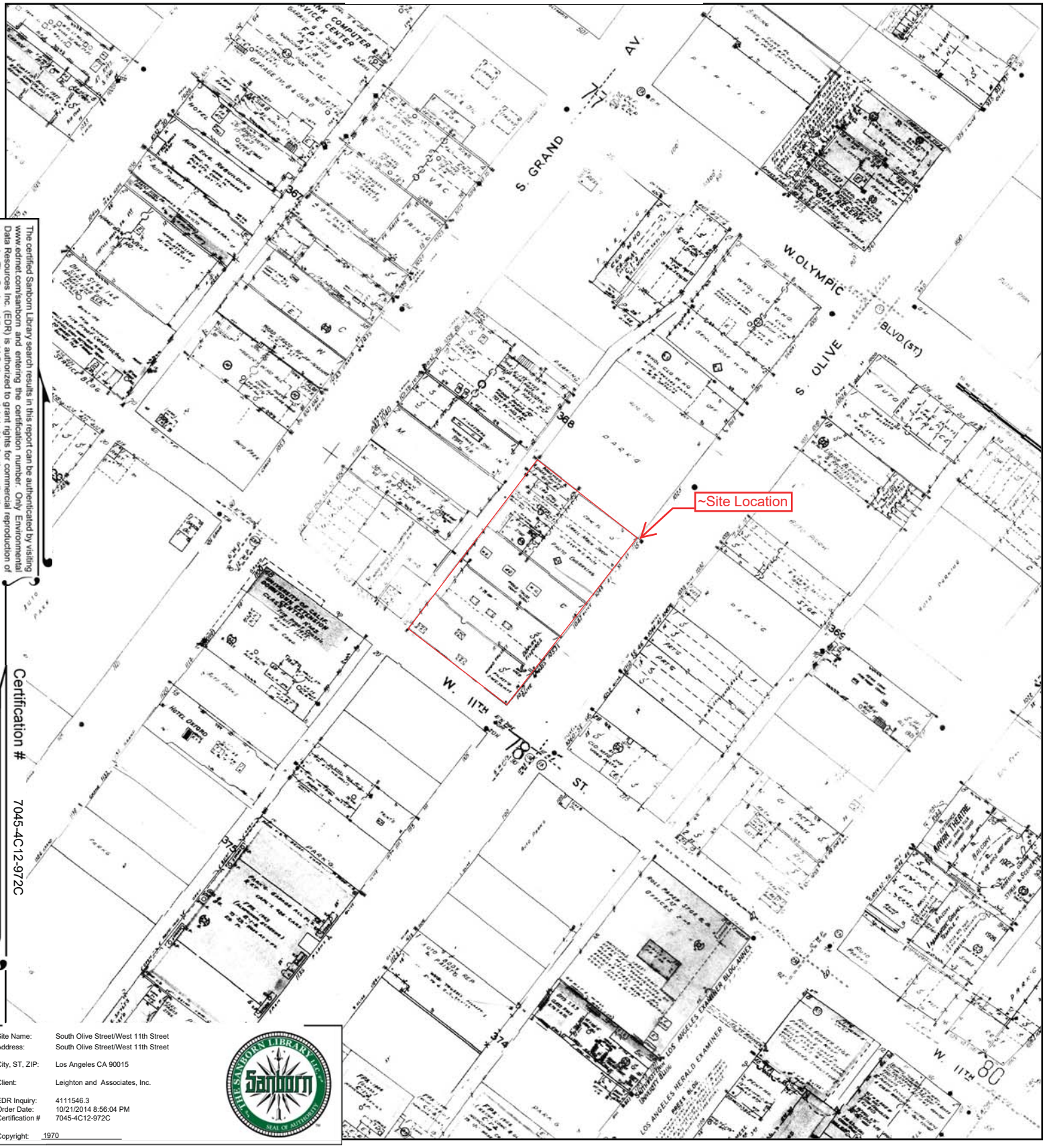
Volume 2, Sheet 54

Volume 2, Sheet 64

1888 Source Sheets

Volume 1, Sheet 35

1970 Certified Sanborn Map



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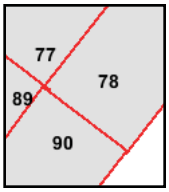

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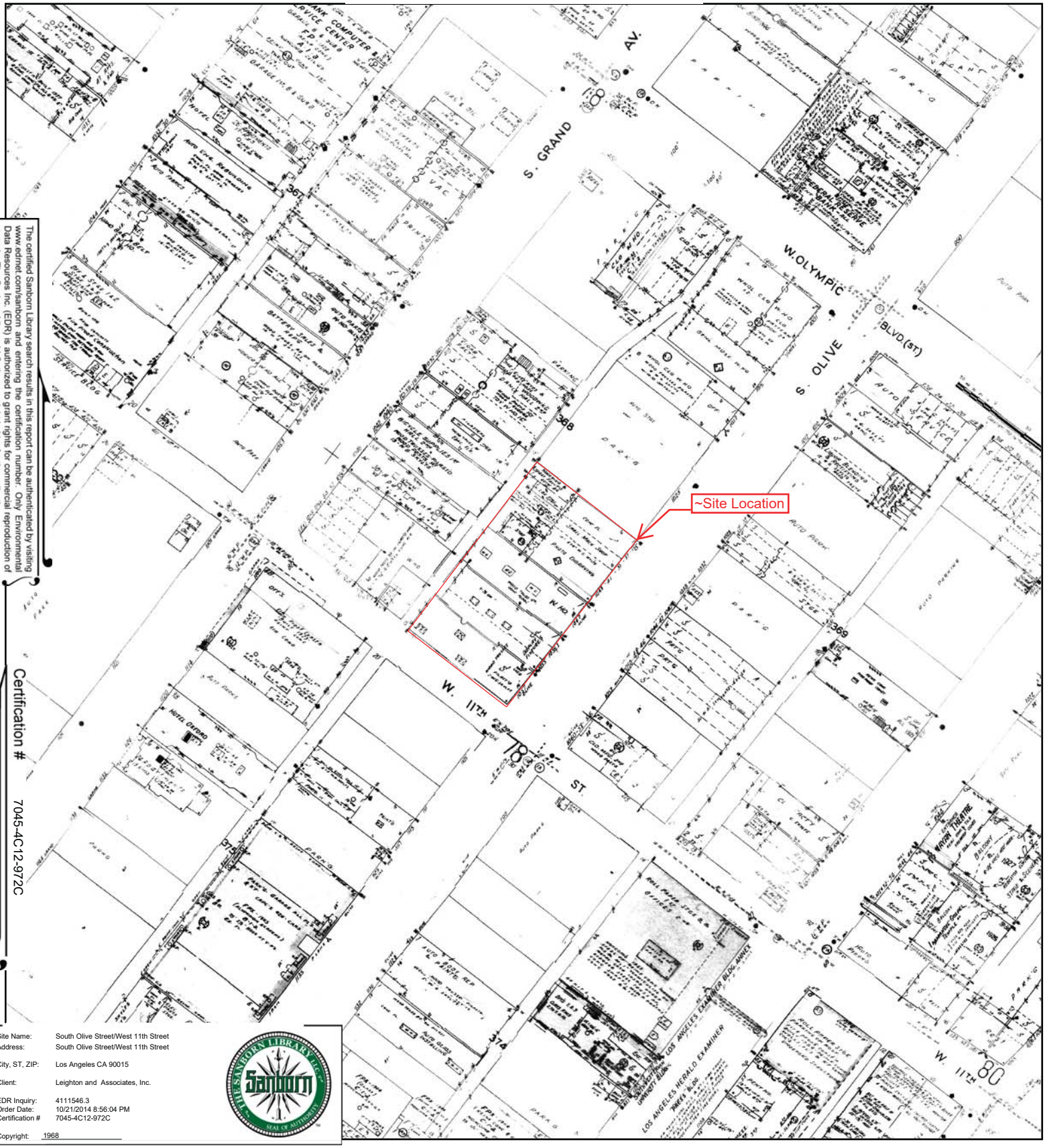
0 Feet 150 300 600

N

1968 Certified Sanborn Map



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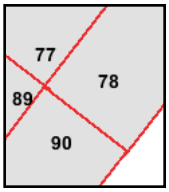

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0 Feet 150 300 600

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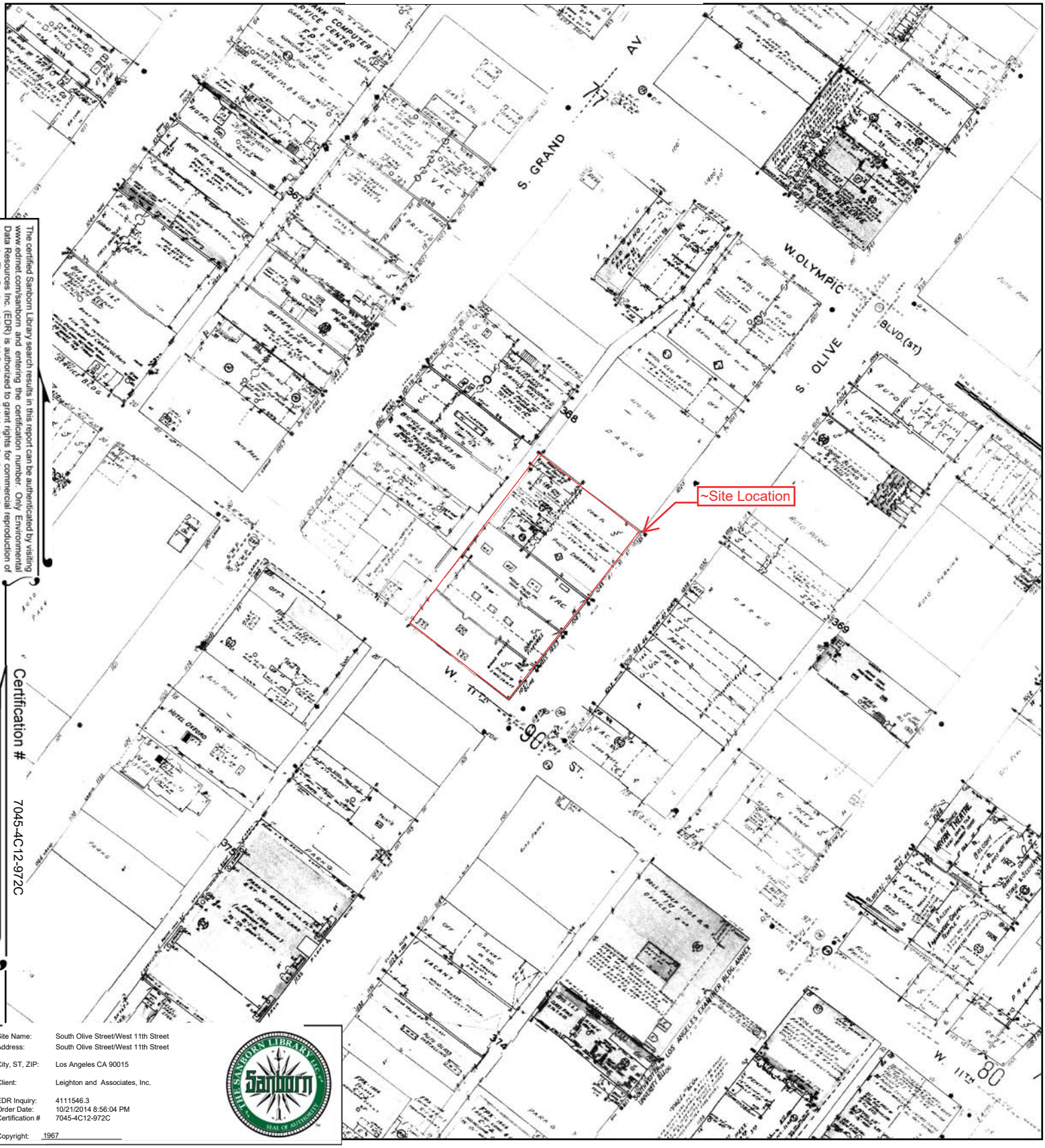
1967 Certified Sanborn Map



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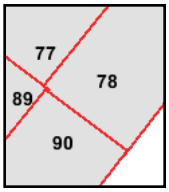

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Volume 1, Sheet 89
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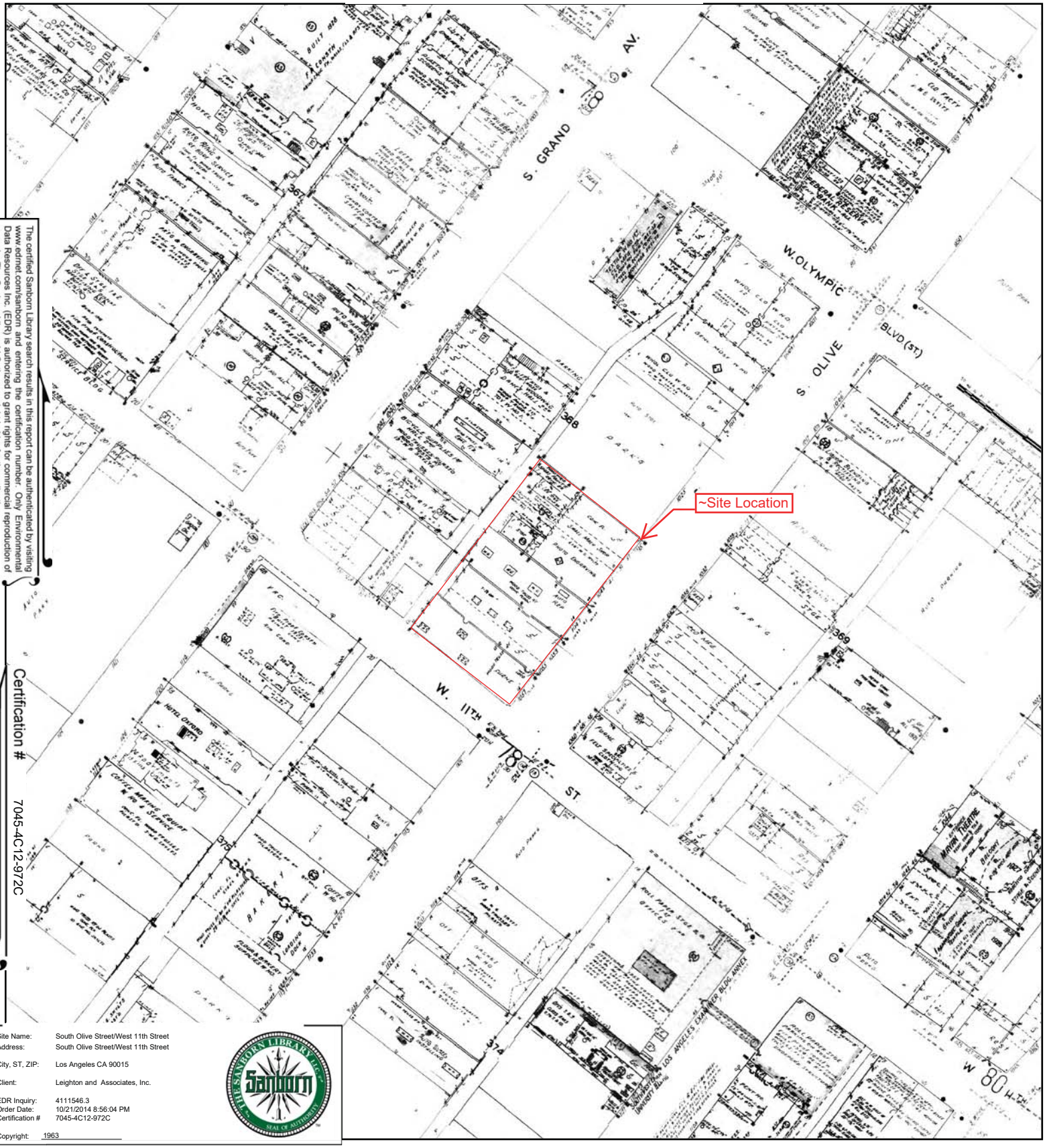
0 Feet 150 300 600

N

1963 Certified Sanborn Map



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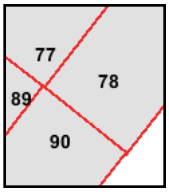

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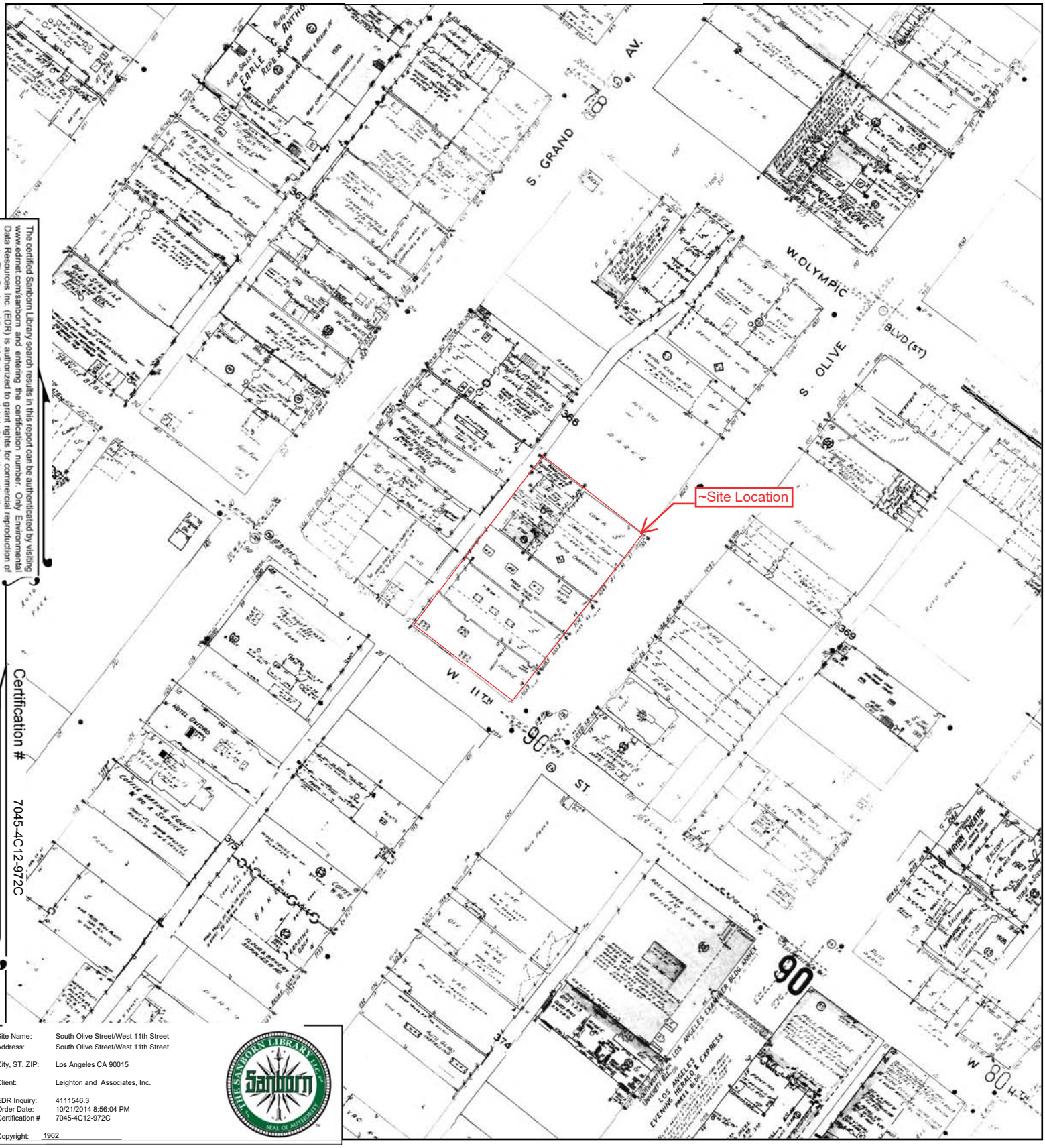
0 Feet 150 300 600

N

1962 Certified Sanborn Map



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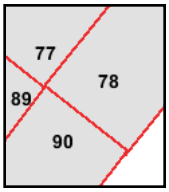

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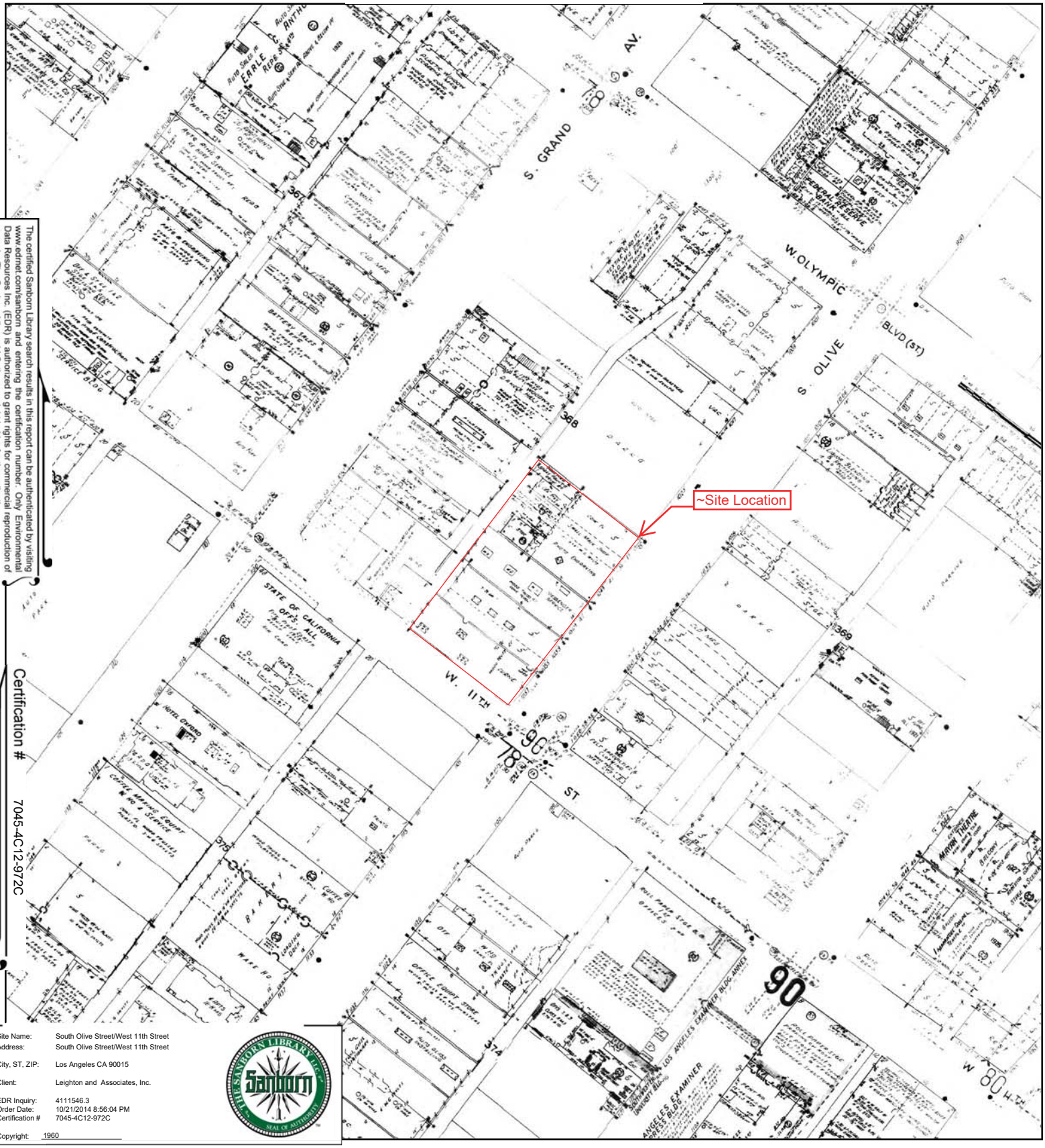
N

1960 Certified Sanborn Map



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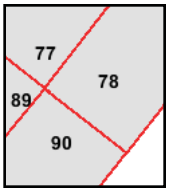

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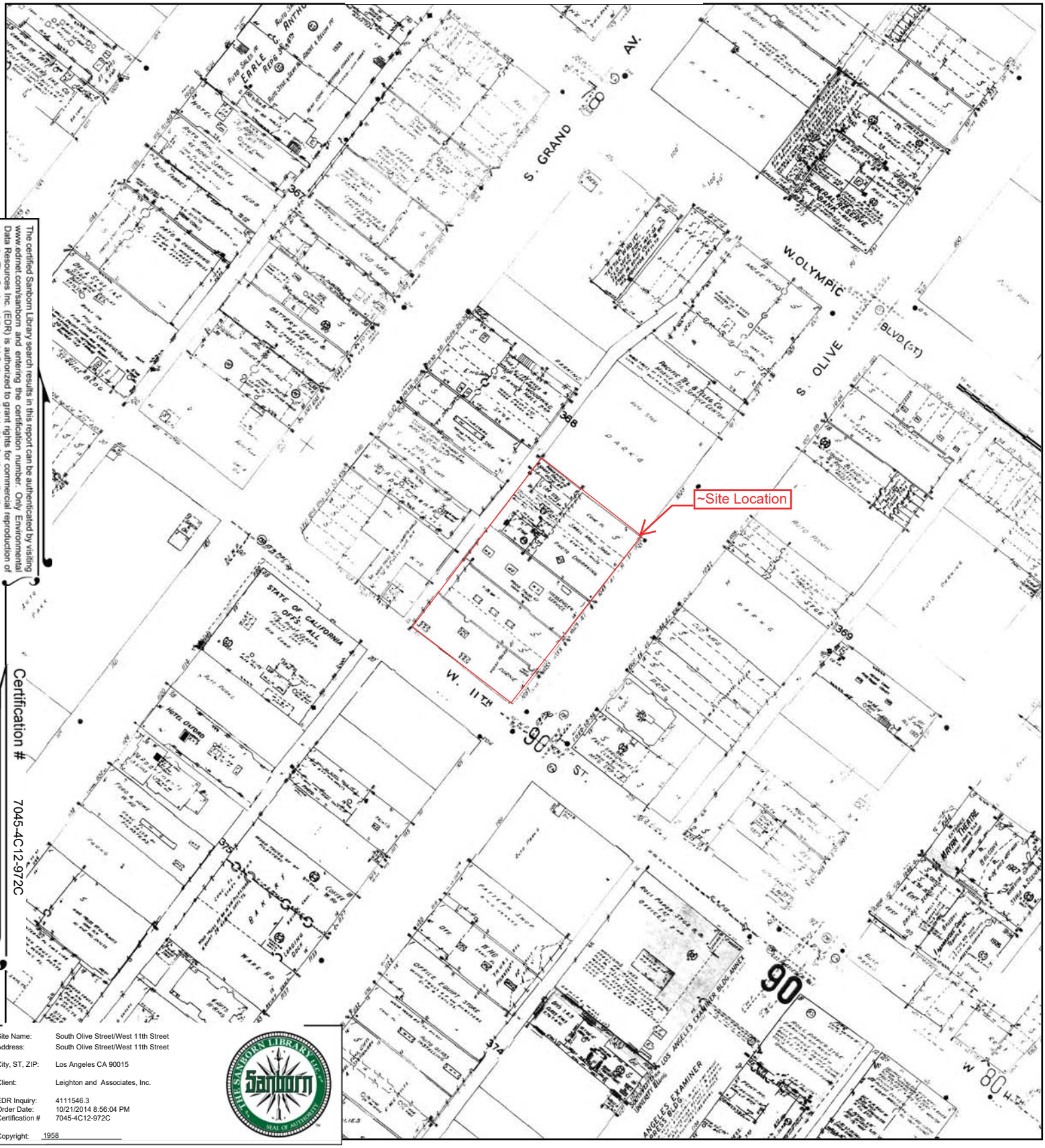
Volume 1, Sheet 89
Volume 1, Sheet 90

0 Feet 150 300 600

N

1958 Certified Sanborn Map



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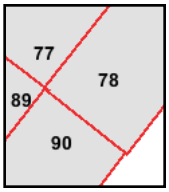

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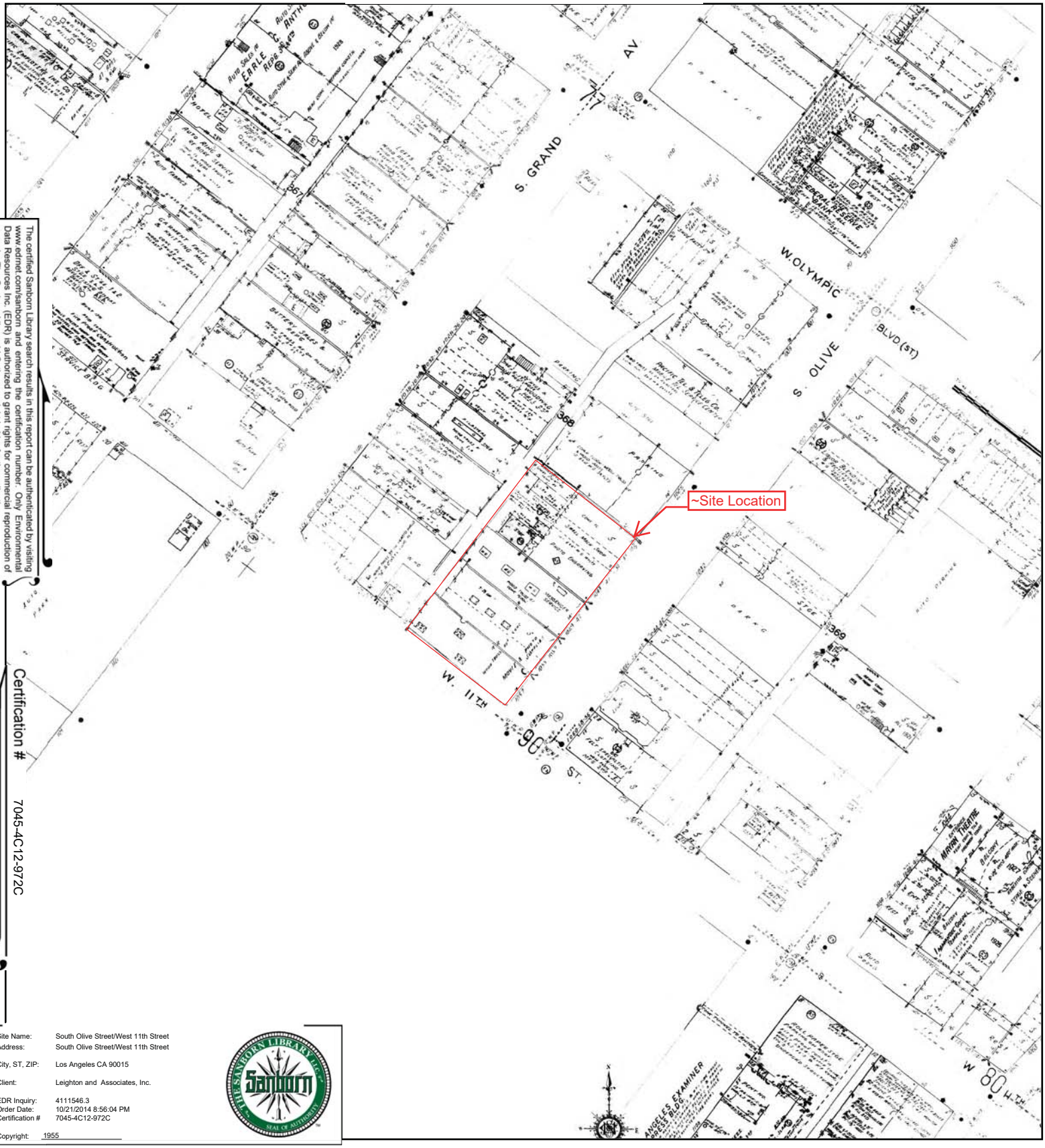
Volume 1, Sheet 89
Volume 1, Sheet 90

0 Feet 150 300 600

N

1955 Certified Sanborn Map



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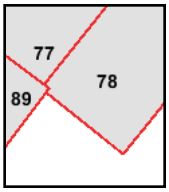

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0 Feet 150 300 600

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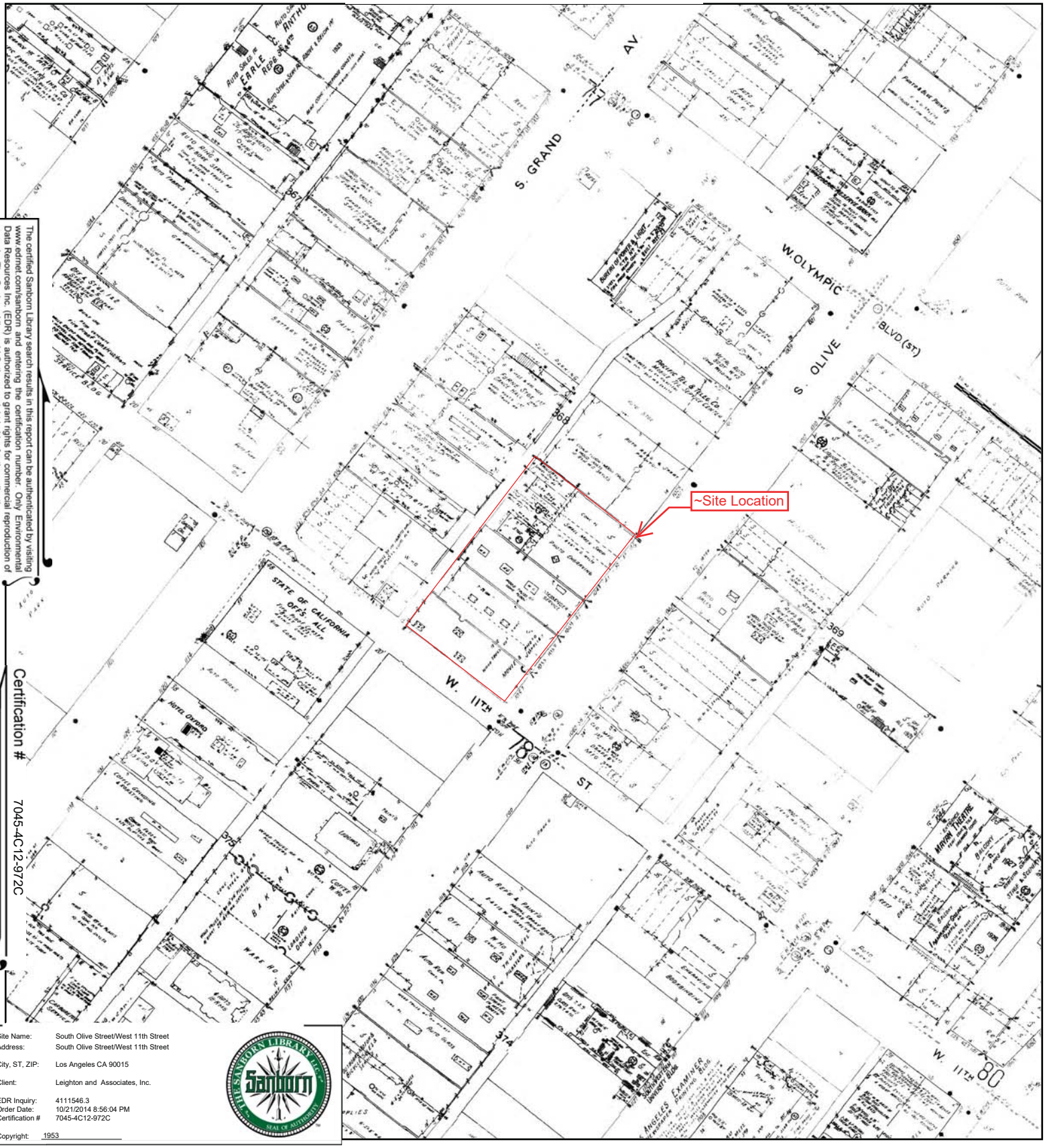
1953 Certified Sanborn Map



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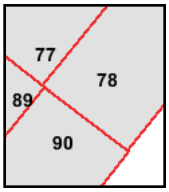

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Volume 1, Sheet 89
Volume 1, Sheet 90

0 Feet 150 300 600

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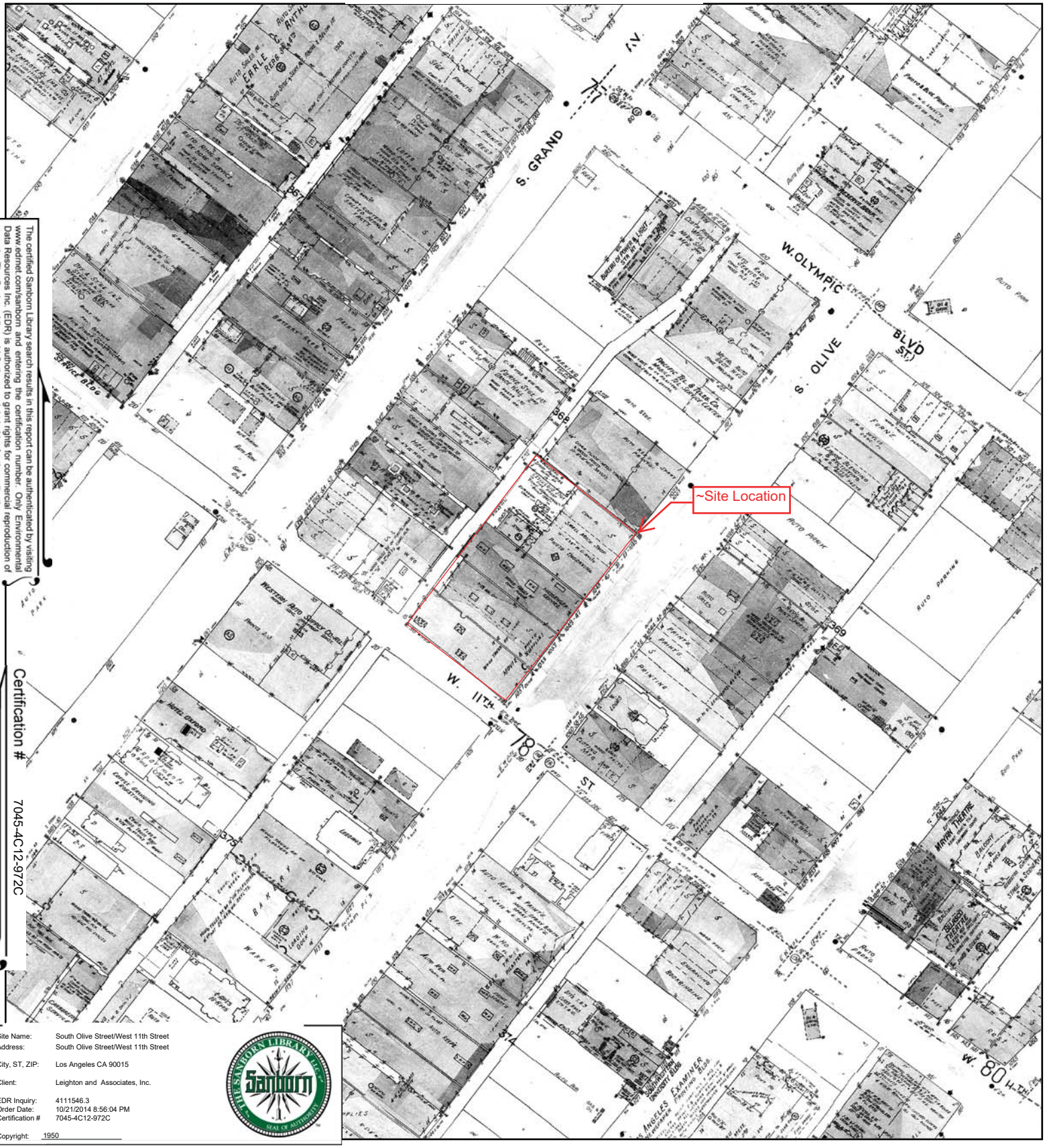
1950 Certified Sanborn Map



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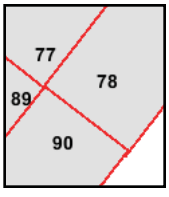

Volume 1, Sheet 77
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Volume 1, Sheet 89
Volume 1, Sheet 90

0 Feet 150 300 600

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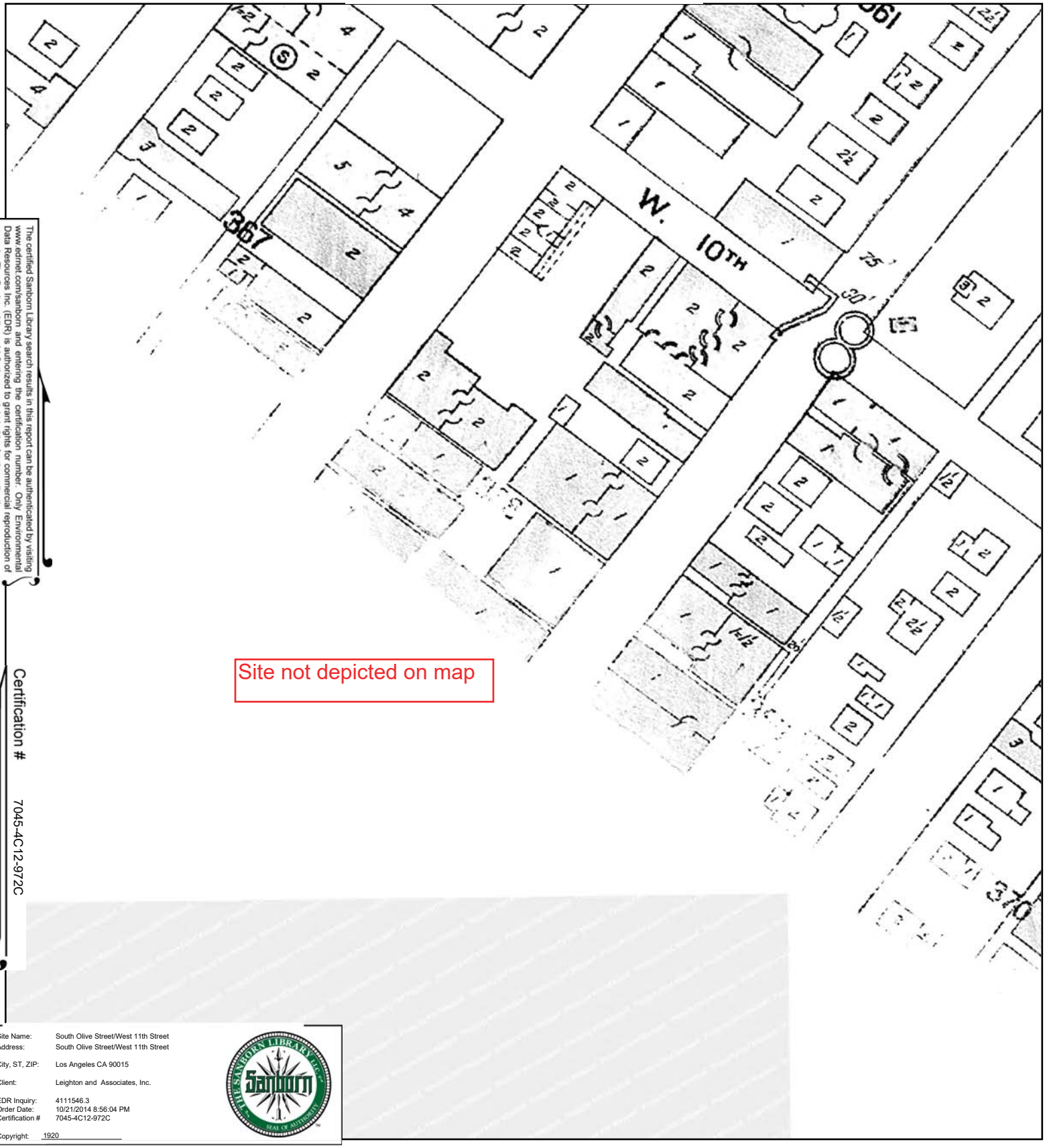
1920 Certified Sanborn Map



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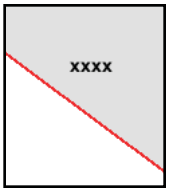

Volume Congested Business District, Sheet

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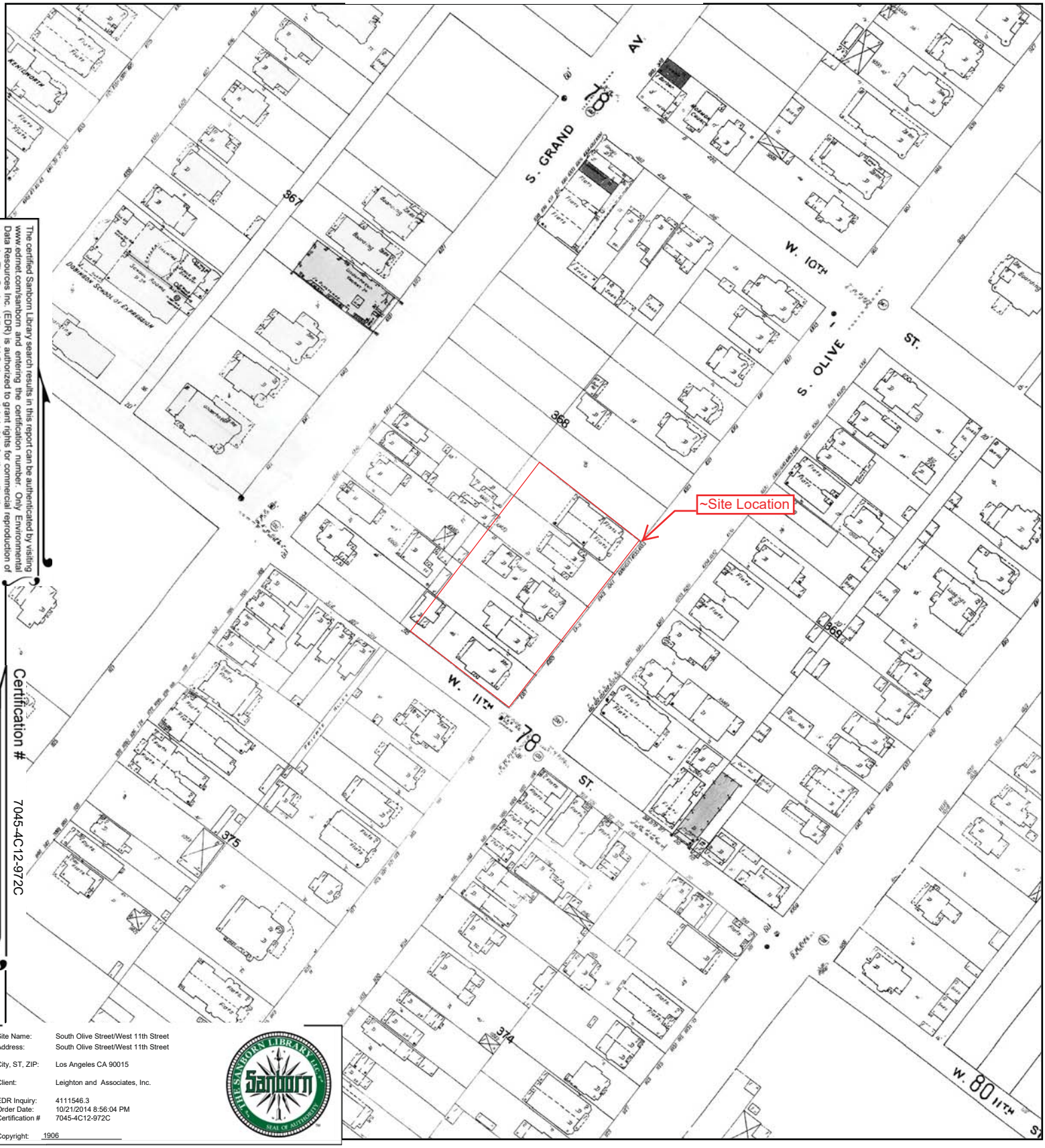
1906 Certified Sanborn Map



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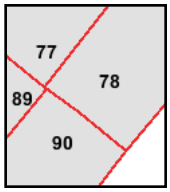

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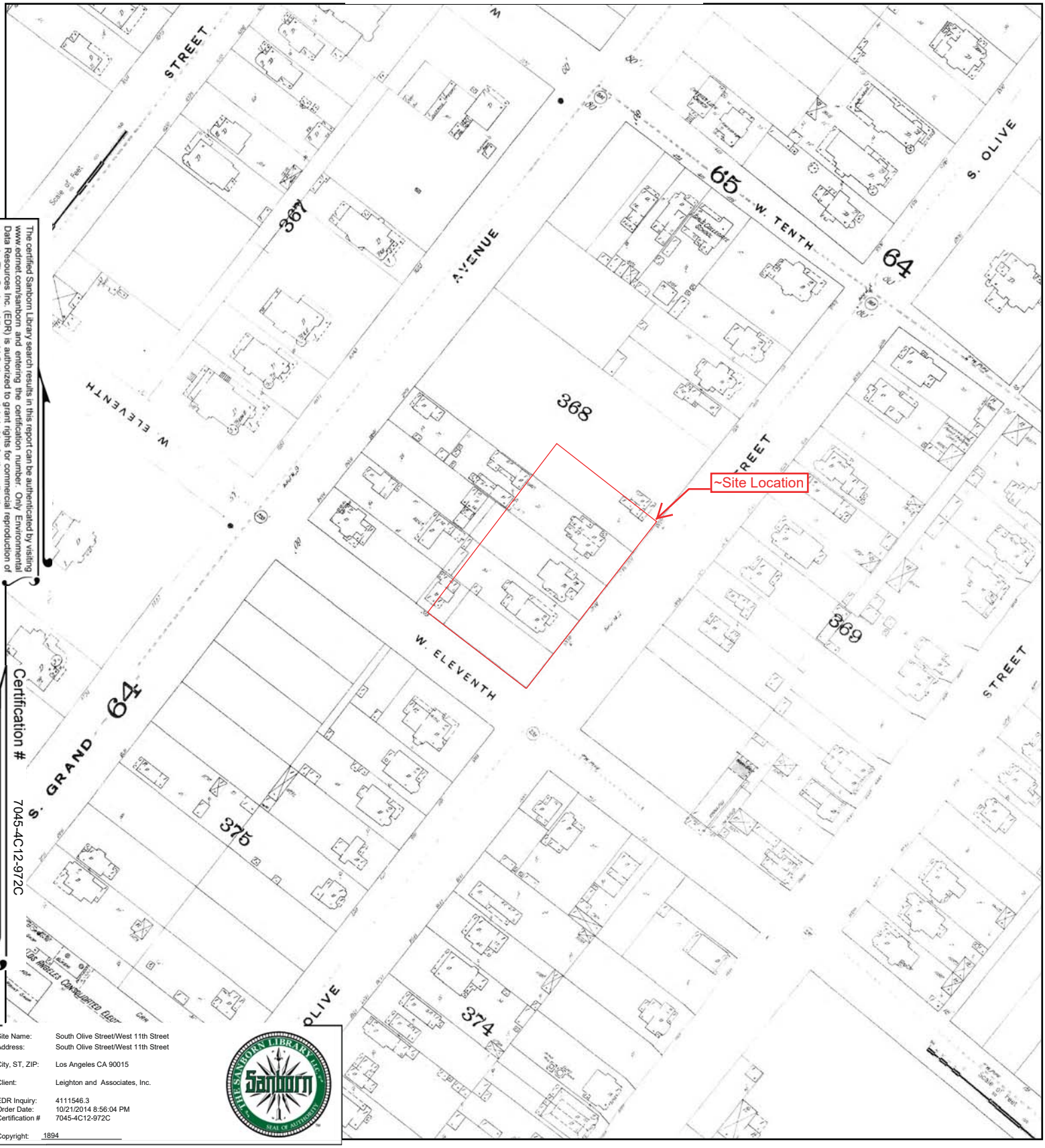
1894 Certified Sanborn Map



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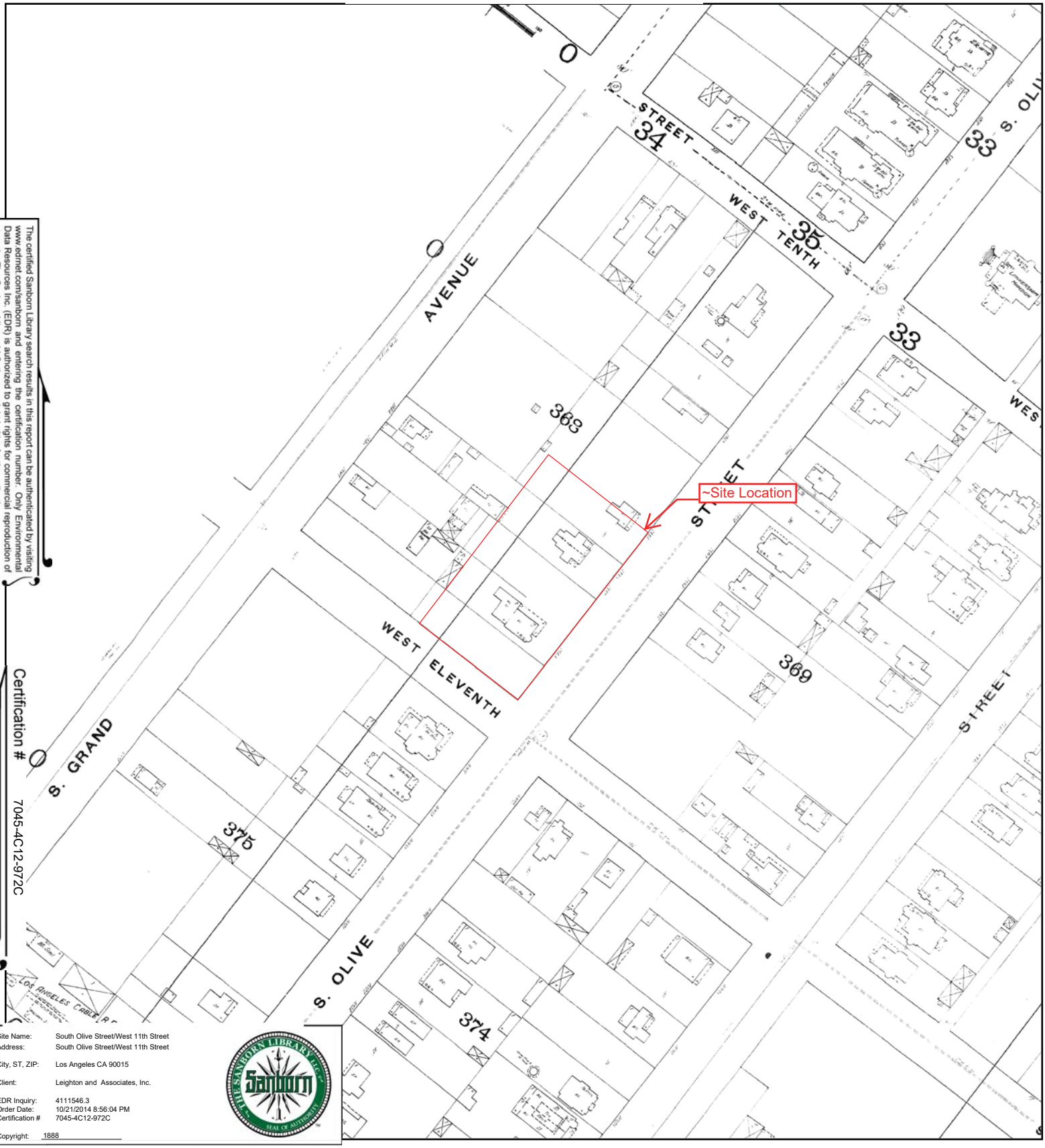
1888 Certified Sanborn Map



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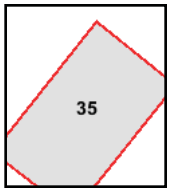

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N

South Olive Street/West 11th Street
South Olive Street/West 11th Street
Los Angeles, CA 90015

Inquiry Number: 4111546.5
October 22, 2014

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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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 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2008	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2006	Haines Company, Inc	-	X	X	-
	Haines Company, Inc	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	-	-	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	X	X	-
1965	Pacific Telephone	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	Luskey Brothers & Co	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1957	Pacific Telephone	-	X	X	-
1956	General Telephone Company Publishers	-	-	-	-
1955	Home Directory Service	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
	Pacific Telephone & Telegraph Co.	X	X	X	-
1950	Pacific Telephone	-	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Western Directory Co.	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Glendale Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	-	-	-
1930	Glendale Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Kaasen Directory Company Publishers	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

MAP INFORMATION

The Overview Map provides information on nearby property parcel boundaries. Properties on this map that were selected for research are listed below the map.

SELECTED ADDRESSES

The following addresses were selected by the client. Detailed findings are contained in the findings section. An "X" indicates where information was identified.

Address	***Type***	***Findings***
1036 S GRAND AVE	Map ID: 11	X
1053 S OLIVE ST	Map ID: 2	X
1041 S OLIVE ST	Map ID: 3	X
1057 S OLIVE ST	Map ID: 4	X
1033 S OLIVE ST	Map ID: 5	X
317 W 11TH ST	Map ID: 6	
1027 S OLIVE ST	Map ID: 8	X

EXECUTIVE SUMMARY

Address	***Type***	***Findings***
1040 S GRAND AVE	Map ID: 9	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

South Olive Street/West 11th Street
Los Angeles, CA 90015

FINDINGS DETAIL

Target Property research detail.

S OLIVE ST

1033 S OLIVE ST

Year	Uses	Source
1995	LAU SZE CHUNG	Pacific Bell

1041 S OLIVE ST

Year	Uses	Source
2013	OFICINA CHAHIN	Cole Information Services
2008	OFICINA CHAHIN	Cole Information Services
2006	CHAHIN	Haines Company, Inc
	CHAHIN JOSE E	Haines Company, Inc
	IMMIGRATION	Haines Company, Inc
	OFICINACHAHIN	Haines Company, Inc
1958	MITCHELL & HERB ENGRAVING CO	Pacific Telephone
1951	S Olive Mitchell & Herb Engraving Co	Pacific Telephone & Telegraph Co.

1053 S OLIVE ST

Year	Uses	Source
1958	Ark Les Switch Co elec switches	Pacific Telephone
	Chromalox Electric Heaters Co	Pacific Telephone
	Commercial Filters Corp	Pacific Telephone
	Fulflo Filter Co	Pacific Telephone
	Indiana Commercial Filter Corp	Pacific Telephone
	MONTGOMERY BROS INC	Pacific Telephone
	Pacific Chromalox Inc heaters	Pacific Telephone
	Pre Fab Heater Co heaters	Pacific Telephone
	Wiegand Edwin L Co elec heatrs	Pacific Telephone
1951	S Olive Ampro Projector Corp Distr	Pacific Telephone & Telegraph Co.
	S Olive Argus Camera Corp Distr	Pacific Telephone & Telegraph Co.
	S Olive Craig Movie Supp Co	Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1951	S Olive Society For Visual Education Distr	Pacific Telephone & Telegraph Co.

1057 S OLIVE ST

Year	Uses	Source
2013	ACME DISPLAY FIXTURE CO	Cole Information Services
2008	ACME DISPLAY FIXTURE CO INC	Cole Information Services
2006	ACME DSPLY	Haines Company, Inc
	FIXTURE	Haines Company, Inc
1958	Davis Sales Co apt furnshngs	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

11TH ST

214E 11TH ST

Year	Uses	Source
1958	PACKAGE FAST FREIGHT	Pacific Telephone

OLIVE S

1042 OLIVE S

Year	Uses	Source
2000	L C CARGO EXPRESS	Haines & Company

1044 OLIVE S

Year	Uses	Source
2000	XXXX	Haines & Company

1046 OLIVE S

Year	Uses	Source
2000	XXXX	Haines & Company

1047 OLIVE S

Year	Uses	Source
2000	DESIGN AND DISPLAY SYSTEMS	Haines & Company

1050 OLIVE S

Year	Uses	Source
2000	STOREHOUSE THE	Haines & Company

1056 OLIVE S

Year	Uses	Source
2000	XXXX	Haines & Company

1058 OLIVE S

Year	Uses	Source
2000	XXXX	Haines & Company

FINDINGS

1060 OLIVE S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

1100 OLIVE S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

1119 OLIVE S

Year	*Uses*	*Source*
2000	HAHNEISER Jurgen	Haines & Company
	LITTLE JS RESTRNT	Haines & Company

1124 OLIVE S

Year	*Uses*	*Source*
2000	METCALF Kenneth	Haines & Company

1143 OLIVE S

Year	*Uses*	*Source*
2000	XXXX	Haines & Company

1150 OLIVE S

Year	*Uses*	*Source*
2000	OCCIDENTAL CENTER ALEANDER EDDY INS	Haines & Company
	CONTROLTEK	Haines & Company
	WESTRN 65 HEALTH INS ASSN	Haines & Company
	W E D INSURANCE AGENCY	Haines & Company
	TRANSAM REALTY INVESTORS	Haines & Company
	TRANSAM REAL ESTATE MANGMNT CO	Haines & Company
	TRANSAM FUND SALES INC	Haines & Company
	COUNTRYWIDE LIFE INSURANCE CO	Haines & Company
	DWIGHT E MILLER INS	Haines & Company
	EMPLOYERS GROUP THE	Haines & Company
	M & M ASSOCIATION	Haines & Company
	MOSS GREG INSURANCE	Haines & Company
	OCCIDNTL TOWER REST 213=174 M	Haines & Company
	SHOE CLINIQUE INC	Haines & Company
	TOWER THE 213 74 M 554	Haines & Company
	TRANSAM CORP	Haines & Company
	TRANSAM CORP	Haines & Company

Year	Uses	Source
2000	TRANSAM CORP FNCL	Haines & Company
	TRANSAM CORP INS	Haines & Company
	TRANSAM CORP INVESTMENT SERVS	Haines & Company
	TRANSAM CORP RLTY	Haines & Company
	TRANSAM FNCL GRP	Haines & Company

1155 OLIVE S

Year	Uses	Source
2000	XXXX	Haines & Company

OLIVE ST

1102 OLIVE ST

Year	Uses	Source
1950	DUBAY MERLE F PALNTNG	Pacific Telephone

1104 OLIVE ST

Year	Uses	Source
1950	MOORE GEO C R	Pacific Telephone

1106 OLIVE ST

Year	Uses	Source
1950	STUDEBAKER MARY	Pacific Telephone

1108 OLIVE ST

Year	Uses	Source
1950	BRANDENBURG LOIS M R	Pacific Telephone

1110 OLIVE ST

Year	Uses	Source
1950	MANTZ SARAH R	Pacific Telephone

1114 OLIVE ST

Year	Uses	Source
1950	SPRAGUE T G	Pacific Telephone

1120 OLIVE ST

Year	Uses	Source
1950	CONROW MARK BR	Pacific Telephone

FINDINGS

1127 OLIVE ST

Year	*Uses*	*Source*
1950	MOORE LEOTHA R	Pacific Telephone

1128 OLIVE ST

Year	*Uses*	*Source*
1950	ELLIS BETTY R	Pacific Telephone

1134B OLIVE ST

Year	*Uses*	*Source*
1950	BROWN DORIS	Pacific Telephone

1137 OLIVE ST

Year	*Uses*	*Source*
1950	TOLLE RUTH R	Pacific Telephone

1141 OLIVE ST

Year	*Uses*	*Source*
1950	OVERBY CECIL E	Pacific Telephone

1144 OLIVE ST

Year	*Uses*	*Source*
1950	CARPENTERS UNION LOCAL NO 710	Pacific Telephone
	CARPENTER S HALL	Pacific Telephone

OLIVE ST S

1042 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive Mars Stationers	Pacific Telephone & Telegraph Co.
	S Olive Mars Stationers	Pacific Telephone & Telegraph Co.

1044 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive Postal Zone Guide	Pacific Telephone & Telegraph Co.
	S Olive Golden Dawn Press	Pacific Telephone & Telegraph Co.
	S Olive Gardner Harry J	Pacific Telephone & Telegraph Co.
	S Olive Gardener Harry J	Pacific Telephone & Telegraph Co.

1046 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive Andre Smart Set Gift Box Co	Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1951	S Olive Anning Johnson Co roof decks	Pacific Telephone & Telegraph Co.
	S Olive Arical Corp	Pacific Telephone & Telegraph Co.
	S Olive Avalon Oil Co	Pacific Telephone & Telegraph Co.
	S Olive Bag Ads	Pacific Telephone & Telegraph Co.
	S Olive Bellows Supply Co	Pacific Telephone & Telegraph Co.
	S Olive Biltmore Typewriter Serv	Pacific Telephone & Telegraph Co.
	S Olive Bowling Highlights	Pacific Telephone & Telegraph Co.
	S Olive Calif Democrat Review & Highlights	Pacific Telephone & Telegraph Co.
	S Olive Chase Candy Co	Pacific Telephone & Telegraph Co.
	S Olive Col R Set Compound Co	Pacific Telephone & Telegraph Co.
	S Olive Emanuel W F mfrs agt	Pacific Telephone & Telegraph Co.
	S Olive Euclid Candy Co	Pacific Telephone & Telegraph Co.
	S Olive General Delivery Serv	Pacific Telephone & Telegraph Co.
	S Olive Gwin Perry Duplicator Co	Pacific Telephone & Telegraph Co.
	S Olive Haering D W & Co Inc watr treatng	Pacific Telephone & Telegraph Co.
	S Olive Hayden L W Rubber Co	Pacific Telephone & Telegraph Co.
	S Olive Hazard Ted bxs	Pacific Telephone & Telegraph Co.
	S Olive Henley & Kelvey calndrs	Pacific Telephone & Telegraph Co.
	S Olive Howard Business Arcade	Pacific Telephone & Telegraph Co.
	S Olive Howard Business Arcade	Pacific Telephone & Telegraph Co.
	S Olive Howard Business Arcade	Pacific Telephone & Telegraph Co.
	S Olive Huber Equipt Sales Co	Pacific Telephone & Telegraph Co.
	S Olive I C Compound Co ink corrective	Pacific Telephone & Telegraph Co.
	S Olive Jacoby Narce Corp bxs	Pacific Telephone & Telegraph Co.
	S Olive Kennedy Sales Co	Pacific Telephone & Telegraph Co.
	S Olive Kings Sale Serv	Pacific Telephone & Telegraph Co.
	S Olive Korhumel Heffron & Preiss Steel Co	Pacific Telephone & Telegraph Co.
	S Olive Labor & Business Management Digest & Review	Pacific Telephone & Telegraph Co.
	S Olive Leg O Matic Co	Pacific Telephone & Telegraph Co.
	S Olive Merrill Albert H atty	Pacific Telephone & Telegraph Co.
	S Olive Millar Walter W Natl Tool Salvage Co	Pacific Telephone & Telegraph Co.
	S Olive Muirson Label Co Inc	Pacific Telephone & Telegraph Co.
	S Olive Murphy Claude L	Pacific Telephone & Telegraph Co.
	S Olive Natl Realeteria Inc	Pacific Telephone & Telegraph Co.
	S Olive Natl Tool Salvage Co	Pacific Telephone & Telegraph Co.
	S Olive Northern Engraving & Mfg Co	Pacific Telephone & Telegraph Co.
	S Olive Office Mach Maintenance	Pacific Telephone & Telegraph Co.
	S Olive Sherman Mary H Sherman Sales Co	Pacific Telephone & Telegraph Co.

Year	Uses	Source
1951	S Olive Sherman Sales Co	Pacific Telephone & Telegraph Co.
	S Olive Sklar Elec Co	Pacific Telephone & Telegraph Co.
	S Olive Southern Friction Materials Co	Pacific Telephone & Telegraph Co.
	S Olive Strubing W C addng machs	Pacific Telephone & Telegraph Co.
	S Olive Warehouse Equipt Co The	Pacific Telephone & Telegraph Co.
	S Olive West Coast Bowling News	Pacific Telephone & Telegraph Co.
	S Olive West Tape & Label Co	Pacific Telephone & Telegraph Co.
	S Olive Wheeler Lee Co mimeograph suppls	Pacific Telephone & Telegraph Co.
	S Olive	Pacific Telephone & Telegraph Co.
	Hobart Chas E atty	Pacific Telephone & Telegraph Co.
	Crest Sales Co	Pacific Telephone & Telegraph Co.
	S Olive Aero Pest Control Co	Pacific Telephone & Telegraph Co.
	S Olive Alberts Paper Co	Pacific Telephone & Telegraph Co.

1047 OLIVE ST S

Year	Uses	Source
1951	S Olive Arrow Messenger Serv Red Arrow Bonded Messenger Corp	Pacific Telephone & Telegraph Co.
	S Olive Hasty Messenger & Delivery Co	Pacific Telephone & Telegraph Co.
	S Olive Red Arrow Bonded Messenger Corp main ofc	Pacific Telephone & Telegraph Co.
	S Olive Acme Messenger & Delivery Co	Pacific Telephone & Telegraph Co.

1050 OLIVE ST S

Year	Uses	Source
1951	S Olive Seaboard Printing Co	Pacific Telephone & Telegraph Co.
	S Olive Noep Stationery Co	Pacific Telephone & Telegraph Co.
	S Olive Heffelman Geo O ofc	Pacific Telephone & Telegraph Co.
	S Olive Economy Stationery Mfg Co	Pacific Telephone & Telegraph Co.

1052 OLIVE ST S

Year	Uses	Source
1951	S Olive Eli Hotel	Pacific Telephone & Telegraph Co.

1056 OLIVE ST S

Year	Uses	Source
1951	S Olive Altschul Jack L Carol Ann Draperies	Pacific Telephone & Telegraph Co.
	S Olive Carol Ann Draperies	Pacific Telephone & Telegraph Co.

FINDINGS

1060 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive Alba Shirtmakers	Pacific Telephone & Telegraph Co.

1100 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive Kellys Serv Stn	Pacific Telephone & Telegraph Co.

1114 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive Perfect Paint & Body Co	Pacific Telephone & Telegraph Co.

1117 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive Warrer Printng Co	Pacific Telephone & Telegraph Co.
	S Olive Etna Lithograph Co	Pacific Telephone & Telegraph Co.
	S Olive Langdon Ralph Etna Lithograph Co	Pacific Telephone & Telegraph Co.

1120 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive Fitzgerald Mfg Co	Pacific Telephone & Telegraph Co.

1123 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive	Pacific Telephone & Telegraph Co.
	Heller Ella r	Pacific Telephone & Telegraph Co.
	Rockwell J H r	Pacific Telephone & Telegraph Co.
	Sandejas Mary R	Pacific Telephone & Telegraph Co.

1128 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive Hoffman Packard Service	Pacific Telephone & Telegraph Co.
	S Olive Hoffman Auto Repair Serv	Pacific Telephone & Telegraph Co.
	S Olive Hoffmans Packard Serv	Pacific Telephone & Telegraph Co.
	S Olive Hoffmans Hudson Serv	Pacific Telephone & Telegraph Co.

1130 OLIVE ST S

Year	*Uses*	*Source*
1951	S Olive Stewart D W Ideal Automotive Serv	Pacific Telephone & Telegraph Co.
	S Olive Randal A F Natl Auto Glass Co	Pacific Telephone & Telegraph Co.
	S Olive Ideal Automotive Serv garage	Pacific Telephone & Telegraph Co.
	S Olive Natl Auto Glass Co	Pacific Telephone & Telegraph Co.

FINDINGS

1136 OLIVE ST S

Year	Uses	Source
1951	S Olive Wilson Sales Agcy Wilson Harry Sales Agcy	Pacific Telephone & Telegraph Co.
	S Olive Wilson Harry Sales Agcy	Pacific Telephone & Telegraph Co.

1144 OLIVE ST S

Year	Uses	Source
1951	S Olive Lucky Auto Supply genl ofcs	Pacific Telephone & Telegraph Co.

1152 OLIVE ST S

Year	Uses	Source
1951	S Olve United Bearing Co of Calif Inc	Pacific Telephone & Telegraph Co.

1155 OLIVE ST S

Year	Uses	Source
1951	S Olive Speedo Electric Co speedmtrs	Pacific Telephone & Telegraph Co.

S GRAND AVE

1036 S GRAND AVE

Year	Uses	Source
2013	NAVIDAD CLOTHING CO	Cole Information Services
	KIK WEAR	Cole Information Services
	SOMPER FURS	Cole Information Services
2008	EXPRESSIONS	Cole Information Services
2006	HYPNOTIC	Haines Company, Inc
	CLOTHING INC	Haines Company, Inc
	NAV 1 DAD CLOTING 213 749 S	Haines Company, Inc
	CORPORATION	Haines Company, Inc
	NAVIDAD CLOTHING	Haines Company, Inc
	CORPORATION	Haines Company, Inc
	NAVIDAD CLOTHING	Haines Company, Inc
2000	FAYS NOVELTY	Haines & Company
	HYPNOTIC CLOTHING INC	Haines & Company
	MEISEL Harry	Haines & Company
	RENDEZVOUS CLOTHING	Haines & Company
1976	Tey Sportswear Manufacturing	Pacific Telephone
1958	Brown & Brown milnry	Pacific Telephone
	DOTTY DUNN MILLINERY	Pacific Telephone
	ofc	Pacific Telephone

Year	Uses	Source
1942	SMITH Dell Distributing Co M L Smith V A Zimmerman G G Williams refrigerators	Los Angeles Directory Co.

1040 S GRAND AVE

Year	Uses	Source
2013	L A GRAND CLUB INC	Cole Information Services
2006	LAGRAND CLUB	Haines Company, Inc
2000	LA GRAND CLUB INC	Haines & Company
	RAFALIAN Behnam	Haines & Company
1958	Joint Board of Bakers & confectionery Workers of So Calif	Pacific Telephone
1957	BAKERS UNION NO 37	Pacific Telephone
1942	Bakers Union Hall	Los Angeles Directory Co.
1933	Michles Ervin	Los Angeles Directory Co.
	Christadelphian Ecclesia of Los Angeles	Los Angeles Directory Co.

S OLIVE

1046 S OLIVE

Year	Uses	Source
1990	K T FASHIONS	Pacific Bell
1986	WANG FASHIONS	Pacific Bell
1981	EXLER HARRY H	Pacific Telephone

1058 S OLIVE

Year	Uses	Source
1990	SINGER SEWING COMPANY APPROVED DEALERS	Pacific Bell
1986	SINGER COMPANY DEALERS	Pacific Bell
	YOUNG S SEWING MACHINE CO	Pacific Bell

1117 S OLIVE

Year	Uses	Source
1986	BOGLE GRAPHIC PHOTO	Pacific Bell
	SPINNER EYELETTING & ASSEMBLY CO	Pacific Bell
	SPINNER PRINTING CO	Pacific Bell
	SPINNER-WARNER PRINTING CO	Pacific Bell
1981	BOGLE GRAPHIC PHOTO	Pacific Telephone
	COVARRUBIAS HANDBAGS	Pacific Telephone
	PRESS REPAIR	Pacific Telephone
	SPINNER PRINTING CO	Pacific Telephone

Year	Uses	Source
1981	SPINNER PRINTING CO	Pacific Telephone
	SPINNER WARNER PRINTING CO	Pacific Telephone
	WARNER PRINTING CO	Pacific Telephone

1143 S OLIVE

Year	Uses	Source
1990	AMPCO PARKING INC	Pacific Bell
1986	AMPCO PARKING INC	Pacific Bell
1981	ALLIED AUTO PARKS INC	Pacific Telephone

1150 S OLIVE

Year	Uses	Source
1971	Takahashi A & Co Ltd	Pacific Telephone
	Restaurant & Reservations	Pacific Telephone
	TOWER THE Atop Occidental Center	Pacific Telephone
	TOWER THE Atop Occidental Center	Pacific Telephone
	Administration Ofc	Pacific Telephone
	Trans International Hotel Company	Pacific Telephone
	Home Office	Pacific Telephone
	Transamerica Car Leasing	Pacific Telephone
	Transamerica Car Leasing	Pacific Telephone
	Transamerica Commercial Corporation	Pacific Telephone
	Home Office	Pacific Telephone
	TRANSAMERICA CORPORATION Auto Leasing And Renting Transamerica Car Leasing	Pacific Telephone
	TRANSAMERICA CORPORATION Computer Services Information Services Division	Pacific Telephone
	TRANSAMERICA CORPORATION Financing Pacific Finance Loans	Pacific Telephone
	Transamerica Commercial Corporation	Pacific Telephone
	Transamerica Credit Corporation	Pacific Telephone
	Transamerica Land Capital Inc	Pacific Telephone
	Automotive Insurance Company	Pacific Telephone
	TRANSAMERICA CORPORATION Insurance	Pacific Telephone
	TRANSAMERICA CORPORATION Insurance	Pacific Telephone
	Countrywide Insurance Company	Pacific Telephone
	TRANSAMERICA CORPORATION Insurance	Pacific Telephone
	Occidental Life Insurance Company Of California	Pacific Telephone
	TRANSAMERICA CORPORATION Insurance	Pacific Telephone

FINDINGS

Year	Uses	Source
1971	Olympic Insurance Company	Pacific Telephone
	TRANSAMERICA CORPORATION Insurance	Pacific Telephone
	Riverside Insurance Company	Pacific Telephone
	Transamerica Insurance Company	Pacific Telephone
	Transamerica Life Insurance & Annuity Company	Pacific Telephone
	Transamerica Capital Fund Inc	Pacific Telephone
	Transamerica Fund Management Company	Pacific Telephone
	Transamerica Fund Sales Inc	Pacific Telephone
	Transamerica Investment Counselors Inc	Pacific Telephone
	Transamerica Investors Fund Inc	Pacific Telephone
	Transamerica Mortgage Advisors Inc	Pacific Telephone
	TRANSAMERICA CORPORATION Micro Film Reproduction Systems	Pacific Telephone
	TRANSAMERICA FINANCIAL CORPORATION	Pacific Telephone
	Transamerica Financial Corporation	Pacific Telephone
	Transamerica Fund Management Co	Pacific Telephone
	Home Ofc	Pacific Telephone
	TRANSAMERICA INSURANCE COMPANY	Pacific Telephone
	Transamerica Ins & Financial Center	Pacific Telephone
	TRANSAMERICA INSURANCE GROUP	Pacific Telephone
	Home Ofc	Pacific Telephone
	Transamerica Investment Research Inc	Pacific Telephone
	Transamerica Land Capital Inc	Pacific Telephone
	Transamerica Mortgage Advisors	Pacific Telephone
	Transamerica Mutual Fund	Pacific Telephone
	Wohlwend Floyd L Merchants & Mfro Assn	Pacific Telephone
	WOLVERINE INSURANCE COMPANY	Pacific Telephone
	Automotive Insurance Company	Pacific Telephone
	Downtown Club The	Pacific Telephone
	Drummond Thomas B Kidder Peabody & Co Inc	Pacific Telephone
	Engineering Supervision Co	Pacific Telephone
	FINANCIAL PROFILES INC	Pacific Telephone
	Gross Edwin D DDS	Pacific Telephone
	Hodge Linn T Jr Hodge Linn T & Sons ins	Pacific Telephone
	HODGE LINN T & SONS ins	Pacific Telephone
	Hodge Rowland S Hodge Linn T & Sons ins	Pacific Telephone
	Hodge & Sons Linn T ins	Pacific Telephone

FINDINGS

Year	Uses	Source
1971	Kan Enterprises Inc	Pacific Telephone
	KIDDER PEABODY & CO INCORPORATED	Pacific Telephone
	LIBRARY DEPT Central Library Genl Info	Pacific Telephone
	Traffic Division	Pacific Telephone
	Merchants & Mfrs Assn	Pacific Telephone
	Mortgage Trust Of America	Pacific Telephone
	NICHIMEN CO imprtrs	Pacific Telephone
	Occidental Center	Pacific Telephone
	Occidental Center Barber Shop	Pacific Telephone
	Occidental Tower Restaurant	Pacific Telephone
	Pacific Fidelity Life Ins Co	Pacific Telephone
	Pacific Finance Executive Offices	Pacific Telephone
	PHILLIPS ENGINEERS INC RALPH E	Pacific Telephone
	PHILLIPS RALPH E INC engnrs	Pacific Telephone
	PREMIER INSURANCE COMPANY	Pacific Telephone
	Reproduction Systems	Pacific Telephone
	RIVERSIDE INSURANCE COMPANY	Pacific Telephone
	Sankyodai Corp	Pacific Telephone
	Scientific Environmental Consultants Corp	Pacific Telephone
	Stalker Alfred J Kidder Peabody & Co Incorporated	Pacific Telephone
	Stiles E H	Pacific Telephone
1967	Cadiz Valley Properties	Pacific Telephone
	Drummond Thomas B Kidder Peabody & Co Inc	Pacific Telephone
	Goddard Stephen D Kidder Peabody & Co Inc	Pacific Telephone
	HAYDEN STONE INC brkrs Contd	Pacific Telephone
	Western Div Hdqtrs	Pacific Telephone
	Helm Lynn Jr Rosecrans W S Inc	Pacific Telephone
	KIDDER PEABODY & CO INCORPORATED	Pacific Telephone
	Los Angele City of HARBOR DEPARTMENT Genl Ofcs	Pacific Telephone
	Traffic Div	Pacific Telephone
	Mount Shasta Estates	Pacific Telephone
	NICHIMEN CO INC Imprtrs	Pacific Telephone
	Occidental Center	Pacific Telephone
	L A Br Ofc	Pacific Telephone
	OCCIDENTAL LIFE INS CO OF California Agencies	Pacific Telephone

FINDINGS

Year	Uses	Source
1967	OCCIDENTAL LIFE INS CO OF California Regional Group Offices	Pacific Telephone
	Doran P M Ofc	Pacific Telephone
	Executive Ofc	Pacific Telephone
	PACIFIC FINANCE Credit Ratings Available Only from Office Holding Account	Pacific Telephone
	PACIFIC FINANCE Credit Ratings Available Only from Office Holding Account	Pacific Telephone
	Business Loans Dept	Pacific Telephone
	Commercial Financing	Pacific Telephone
	PACIFIC FINANCE Credit Ratings Available Only from Office Holding Account	Pacific Telephone
	PACIFIC FINANCE Credit Ratings Available Only from Office Holding Account	Pacific Telephone
	Credit Life & Disability Insurance Dept	Pacific Telephone
	Fire & Casualty Insurance Div	Pacific Telephone
	PACIFIC FINANCE Credit Ratings Available Only from Office Holding Account	Pacific Telephone
	PACIFIC FINANCE Credit Ratings Available Only from Office Holding Account	Pacific Telephone
	Life Insurance Div	Pacific Telephone
	PHILLIPS ENGNRS INC RALPH E	Pacific Telephone
	PHILLIPS RALPH E INC engnrs	Pacific Telephone
	Quail Mt Lakes	Pacific Telephone
	S D P	Pacific Telephone
	S O S	Pacific Telephone
	SELECTIVE OFC SERVICES	Pacific Telephone
	Smith Barney & Co Inc brkrs	Pacific Telephone
	Stalker Alfred J Kidder Peabody & Co Inc	Pacific Telephone
	Reservations	Pacific Telephone
	TOWER THE Atop Occidental Center	Pacific Telephone
	TOWER THE Atop Occidental Center	Pacific Telephone
	Information	Pacific Telephone
	TRANSAMERICA CAR LEASING	Pacific Telephone
	Home Office	Pacific Telephone
	TRANSAMERICA FINANCIAL CORP	Pacific Telephone
	Transamerica Ins & Financial Center	Pacific Telephone
	Wohlwend Floyd L Merchants & Mfrs Assn	Pacific Telephone

S OLIVE AVE

1046 S OLIVE AVE

Year	Uses	Source
1960	RAY-O-VAC CO BATRIES	Pacific Telephone
1957	RAY-O-VAC CO BATRIES	Pacific Telephone

1150 S OLIVE AVE

Year	Uses	Source
1975	COUNTRYWIDE INS GROUP	Pacific Telephone
	MARATHON INSURANCE COMPANY	Pacific Telephone
	OLYMPIC INS CO	Pacific Telephone
	PHILLIPS RALPH E INC ENGNRS	Pacific Telephone
	SPARTAN INS CO	Pacific Telephone
1966	PHILLIPS RALPH E INC ENGNRS	Pacific Telephone

1155 S OLIVE AVE

Year	Uses	Source
1957	SPEEDO-ELECTRIC CO SPEEDOMTRS	Pacific Telephone

S OLIVE ST

Map ID: 8

1027 S OLIVE ST

Year	Uses	Source
1995	LETUAN	Pacific Bell

1044 S OLIVE ST

Year	Uses	Source
1976	Mc Claflin M L Shamrock Lithographers & Printing Co	Pacific Telephone
	Blue Fashions	Pacific Telephone
	Shamrock Lithographers Printing Co	Pacific Telephone
1958	Walrath Steve textls	Pacific Telephone
	Southern Webbing Mills Inc	Pacific Telephone
	Sevene Publishing Co The	Pacific Telephone
	Postal Zone Guide	Pacific Telephone
	Golden Dawn Press	Pacific Telephone
	Kahn Arthur Co	Pacific Telephone
	Lane Floyd F Sevene Publishing Co The	Pacific Telephone
	Littlejohns Co The	Pacific Telephone
	Littlejohns Harlan E Co	Pacific Telephone

FINDINGS

1046 S OLIVE ST

Year	*Uses*	*Source*
2006	ABC EMBROIDERY	Haines Company, Inc
1976	Exler Harry H	Pacific Telephone
1958	Alberts Paper Co	Pacific Telephone
	American Detergents	Pacific Telephone
	Arcade Answering Serv	Pacific Telephone
	Auto Bar Systems of So Calif	Pacific Telephone
	Barbaras Answering Serv	Pacific Telephone
	Biltmore Typewriter Serv	Pacific Telephone
	Brown Delivery Serv	Pacific Telephone
	California Pellet Mill Co	Pacific Telephone
	Chuck Wagon Barbecue Sales Inc	Pacific Telephone
	Cohoes Carrybag Co Inc	Pacific Telephone
	Crest Sales Co	Pacific Telephone
	Hayden Rubber Co L W	Pacific Telephone
	Dreyer Lloyd rugs whsle	Pacific Telephone
	Excelsior Hdwe Co	Pacific Telephone
	Henken Supply Co	Pacific Telephone
	Howard Business Arcade	Pacific Telephone
	Howard Saml mfrs agt	Pacific Telephone
	Huber Equipt Sales Co	Pacific Telephone
	Jaffe John Sewing Machine & Attachment Co	Pacific Telephone
	Lee Wheeler Co mimgrphs statnry	Pacific Telephone
	Magnetic Dictation Systems	Pacific Telephone
	Mc Kibbin Geo & Son	Pacific Telephone
	Mc Ney Barbara Howard Business Arcade	Pacific Telephone
	Mc Ney Stella Barbara Howard Business Arcade	Pacific Telephone
	Micro Card Corp	Pacific Telephone
	Millar Walter W Notional Tool Salvage Co	Pacific Telephone
	Moss Typewriter Co The	Pacific Telephone
	Muirson Label Co Inc	Pacific Telephone
	Murphy Claude L Construction Co	Pacific Telephone
	NATL PARCEL DELIVERY SERV	Pacific Telephone
	National Tool Salvage Co	Pacific Telephone
	Northern Engraving & Mfg Co	Pacific Telephone
	Northern Plastic Co	Pacific Telephone
	Office Mach Maintenance	Pacific Telephone
	Parke Jas L California Pellet Mill Co	Pacific Telephone

FINDINGS

Year	Uses	Source
1958	Pixtube	Pacific Telephone
	Product Associates Inc Magnetic Dictation Systems	Pacific Telephone
	Products Associates Inc Magnetic Dictation Systems	Pacific Telephone
	Ray O Vac Co batries	Pacific Telephone
	Santa Maria Chili Products	Pacific Telephone
	Silberstein Lyonelle B Cohoes Carryhag Company Inc	Pacific Telephone
	Skahill Ed A mfrs repr	Pacific Telephone
	Sklar Elec Co	Pacific Telephone
	Sonic Shield Co	Pacific Telephone
	Southern Friction Materials Co	Pacific Telephone
	Strubing W C addng machs	Pacific Telephone
	United Tape & Label Co	Pacific Telephone
	Wawak Co	Pacific Telephone
	Webster Electric Co	Pacific Telephone
	Wheeler Lee Co mimgraphs statary	Pacific Telephone
	World Wide Electronics	Pacific Telephone

1047 S OLIVE ST

Year	Uses	Source
1995	LOF Glass Installation	Pacific Bell
	LOF GLASS INSTALLATION	Pacific Bell
1976	National Auto Glass Co Of Los Angeles	Pacific Telephone
1958	RED ARROW BONDED MESSENGER CORP	Pacific Telephone
	Hasty Messenger & Delivery Co	Pacific Telephone
	Arrow Messenger Serv Red Arrow Bonded Messenger Corp	Pacific Telephone
	Acme Messenger & Delivery Co	Pacific Telephone
	Main Ofc	Pacific Telephone

1048 S OLIVE ST

Year	Uses	Source
1976	Solbert Co Inc jwlrs	Pacific Telephone
	Solbert Co Inc leathr gds	Pacific Telephone

1050 S OLIVE ST

Year	Uses	Source
2006	DISPLAY INC	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	STOREHOUSE	Haines Company, Inc
1976	Handler Sattin Associates	Pacific Telephone
	Countrywide Insurance Company	Pacific Telephone
	Taka Ai Co Inc	Pacific Telephone
1958	Economy Stationery Mfg Co	Pacific Telephone
	Hogart Engineering Co	Pacific Telephone
	Hogart Sales Co	Pacific Telephone
	Seaboard Printing Co	Pacific Telephone

1052 S OLIVE ST

Year	Uses	Source
1958	Eli Hotel	Pacific Telephone

1054 S OLIVE ST

Year	Uses	Source
2006	ZION STORE	Haines Company, Inc
	FIXTURE INC	Haines Company, Inc

1055 S OLIVE ST

Year	Uses	Source
1976	Acme Garment Display Rack Co	Pacific Telephone
	Acme Fixture Display Co	Pacific Telephone
	Acme Hanger Co Of Calif	Pacific Telephone
	Acme Display Fixture Co	Pacific Telephone
1958	Kauffman Bernard notions whsle	Pacific Telephone

1056 S OLIVE ST

Year	Uses	Source
1958	Litwin D P Co shoe ornmnts	Pacific Telephone
	Litwin D P Co shoe ornmnts	Pacific Telephone
	Glitter Craft Co	Pacific Telephone
	California Sportiets Inc	Pacific Telephone

1064 S OLIVE ST

Year	Uses	Source
1957	YTRAFT GAY	Pacific Telephone

1100 S OLIVE ST

Year	Uses	Source
1995	Tutor Saliba S J Groves	Pacific Bell

FINDINGS

Year	Uses	Source
1976	Kellys Auto Park	Pacific Telephone
1958	Kellys Serv Stn	Pacific Telephone

1103 S OLIVE ST

Year	Uses	Source
1995	NAVARETTE J	Pacific Bell

1108 S OLIVE ST

Year	Uses	Source
1995	ESTRADA MANUEL	Pacific Bell

1115 S OLIVE ST

Year	Uses	Source
1995	CABRIALESMIGUELA	Pacific Bell

1117 S OLIVE ST

Year	Uses	Source
1976	Spinner Printing Co	Pacific Telephone
	Warner Printing Co	Pacific Telephone
	BOGLE GRAPHIC PHOTO	Pacific Telephone
1958	Langdon Ralph Etna Lithograph Co	Pacific Telephone
	Langdon Photo Serv Langdon Ralph newstones	Pacific Telephone
	Etna Lithograph Co	Pacific Telephone
	Langdon Ralph newstones	Pacific Telephone
	WARNER PRINTNG CO	Pacific Telephone

1119 S OLIVE ST

Year	Uses	Source
2013	J RESTAURANT & LOUNGE	Cole Information Services
	LITTLE JS RESTAURANT	Cole Information Services
2008	J RESTAURANT & LOUNGE	Cole Information Services
2006	LOUNGE	Haines Company, Inc
	JRESTAURANT&	Haines Company, Inc
	Un TLEJS	Haines Company, Inc
	RESTAURANT	Haines Company, Inc
1976	Little Js	Pacific Telephone
	Little Js Restaurant	Pacific Telephone

FINDINGS

1120 S OLIVE ST

Year	*Uses*	*Source*
1958	Fitzgerald Mfg Co	Pacific Telephone

1128 S OLIVE ST

Year	*Uses*	*Source*
1958	Holtzman Albert Ofc Furn	Pacific Telephone
	Milstein Marvin ofc furn	Pacific Telephone
	Towne Desk & Safe Co	Pacific Telephone

1130 S OLIVE ST

Year	*Uses*	*Source*
1958	Los Angeles	Pacific Telephone
	NATL AUTO GLASS CO	Pacific Telephone
	Randal A F Natl Auto Glass Co	Pacific Telephone

1133 S OLIVE ST

Year	*Uses*	*Source*
2013	LEOS CONDITION	Cole Information Services

1136 S OLIVE ST

Year	*Uses*	*Source*
1958	Almanr Sales	Pacific Telephone

1143 S OLIVE ST

Year	*Uses*	*Source*
1976	Allied Auto Parks Inc	Pacific Telephone

1144 S OLIVE ST

Year	*Uses*	*Source*
1958	Genl Ofcs	Pacific Telephone
	Lucky Auto Supply	Pacific Telephone

1150 S OLIVE ST

Year	*Uses*	*Source*
2006	OCCIDENTAL CENTER	Haines Company, Inc
	ABBOTTKARYN&	Haines Company, Inc
	ASSOC CRT RPRTRS	Haines Company, Inc
	COMPUTER	Haines Company, Inc
	ELECTRIC	Haines Company, Inc
	EMPLOYERS GROUP	Haines Company, Inc
	LAW IN MOTION	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	VIDEO PRODS	Haines Company, Inc
	TRANSAMAESON	Haines Company, Inc
	INFO TECH MONEY	Haines Company, Inc
	TRANSAM	Haines Company, Inc
	OCCIDNTL LIFE INS	Haines Company, Inc
	WINDOWS	Haines Company, Inc
	RESTAURANT	Haines Company, Inc
1995	MANPOWER TEMPORARY SERVICES	Pacific Bell
	TRANSAMERLCA REAL ESTATE MANAGEMENT CO	Pacific Bell
	Transamerlca Real Estate Management Co	Pacific Bell
	Transamerica Real Estate Management Co	Pacific Bell
1991	TRANSAMERICA REAL ESTATE MANAGEMENT CO	Pacific Bell
	TRANSAMERICA REAL ESTATE MANAGEMENT CO	Pacific Bell
1976	Occidental International Enterprises	Pacific Telephone
	Johnson Edward Agency	Pacific Telephone
	OCCIDENTAL LIFE INSURANCE COMPANY OF CALIFORNIA SALES AND SERVICE OFFICES	Pacific Telephone
	Los Angeles Tower Branch	Pacific Telephone
	OCCIDENTAL LIFE INSURANCE COMPANY OF CALIFORNIA SALES AND SERVICE OFFICES	Pacific Telephone
	Occidental Tower Restaurant	Pacific Telephone
	Olympic Ins Co	Pacific Telephone
	PACIFIC FINANCE Executive Offices	Pacific Telephone
	RIVERSIDE INSURANCE COMPANY	Pacific Telephone
	Saks Singer & Ballenger CPAs	Pacific Telephone
	Samson Eugene L atty	Pacific Telephone
	Sankyodai Corp	Pacific Telephone
	Sankyodai Corp	Pacific Telephone
	Schafer Robt W atty	Pacific Telephone
	Singer Ted P Saks Singer & Ballenger CPAs	Pacific Telephone
	Spartan Ins Co	Pacific Telephone
	Stiles E H	Pacific Telephone
	Synergraphics Inc	Pacific Telephone
	Adminrstration Ofc	Pacific Telephone
	TOWER THE Atop Occidental Center	Pacific Telephone
	Restaurant & Reservations	Pacific Telephone

FINDINGS

Year	Uses	Source
1976	TOWER THE Atop Occidental Center	Pacific Telephone
	Van Petten H O atty	Pacific Telephone
	Van Petten & Holen attys	Pacific Telephone
	Vernand Insurance Agcy	Pacific Telephone
	WOLVERINE INSURANCE COMPANY	Pacific Telephone
	A F SEAL INC	Pacific Telephone
	Automotive Credit Service	Pacific Telephone
	Berk Kenneth A atty	Pacific Telephone
	Castle Morris atty	Pacific Telephone
	CHORI AMERICA INC	Pacific Telephone
	Committee For Central City Planning	Pacific Telephone
	Countrywide Life Insurance Co	Pacific Telephone
	Downtown Club The	Pacific Telephone
	Evans Johnathan W atty	Pacific Telephone
	Fildew Richard C atty	Pacific Telephone
	Financial Profiles Inc	Pacific Telephone
	Gross Edwin D DDS	Pacific Telephone
	Gurrola Emilio T atty	Pacific Telephone
	Hodge Linn T Jr Hodge Linn T & Sons ins	Pacific Telephone
	HODGE LINNT & SONS ins	Pacific Telephone
	Hodge Rowland S Hodge Linn T & Sons ins	Pacific Telephone
	Hodge & Sons Linn T ins	Pacific Telephone
	Kan International Inc	Pacific Telephone
	Kan International Inc	Pacific Telephone
	Kastle Morris atty	Pacific Telephone
	Kastle & Samson attys	Pacific Telephone
	M & M Association	Pacific Telephone
	Marathon Insurance Compony	Pacific Telephone
	Masuda Dougas K atty	Pacific Telephone
	Mc Kiernan Nagata & Gurrola A Law Corp	Pacific Telephone
	Mc Kiernan Stanley W atty	Pacific Telephone
	Merchants & Mfrs Assn	Pacific Telephone
	Mortgage Trust Of America	Pacific Telephone
	NATL CREDIT OFC	Pacific Telephone
	NICHIMEN CO importrs	Pacific Telephone
	Occidental Center	Pacific Telephone
	Occidental Center Barber Shop	Pacific Telephone
1975	Countrywide Ins Group	Pacific Telephone

Year	Uses	Source
1975	Marathon Insurance Company	Pacific Telephone
	Olympic Ins Co	Pacific Telephone
	Spartan Ins Co	Pacific Telephone
1970	PHILLIPS RALPH E INC ENQNRS	Pacific Telephone
	TRANSAMERICA CAR LEASING	Pacific Telephone
	KIDDER PEABODY & CO INCORPORATED	Pacific Telephone
	PHILLIPS RALPH E IEC ENGNRS	Pacific Telephone
	PHILLIPS RALPH E INC ENQNRS	Pacific Telephone
	TRANSAMERICA CAR LEASING	Pacific Telephone

1155 S OLIVE ST

Year	Uses	Source
1976	SPEEDO ELECTRIC CO speedmtrs	Pacific Telephone
1958	Speedo Electric Co speedmtrs	Pacific Telephone

W 116TH ST

336 W 116TH ST

Year	Uses	Source
1976	Gibsons Dog & Cat Hospital	Pacific Telephone
	Gibson T L Gibsons Dog & Cat Hospital	Pacific Telephone
	Gibson Patricia E	Pacific Telephone
	Dirty Dogs Chamberlain Bill pet shop	Pacific Telephone
	CHAMBERLAIN BILL pet shop	Pacific Telephone
1967	Gibsons Dog & Cat Hospital	Pacific Telephone
	Gibson T L Gibsons Dog & Cat Hospital	Pacific Telephone
	Gibson Patricia E	Pacific Telephone
	Dirty Dogs Chamberlain Bill pet shop	Pacific Telephone
	CHAMBERLAIN BILL pet shop	Pacific Telephone
1960	CHAMBERLAIN BILL PET SHOP	Pacific Telephone
1958	Dirty Dogs Chamberlain Bill pet shop	Pacific Telephone
	Chamberlain Bill pet shop	Pacific Telephone
	Chamberlain Jos P	Pacific Telephone
	Chamberlains Pet Shop Chamberlain Bill pet shop	Pacific Telephone

FINDINGS

W 11TH

225 W 11TH

Year	Uses	Source
1986	ALL STAR EMBLEM & EMBROIDERY CO	Pacific Bell

229 W 11TH

Year	Uses	Source
1986	WALKER WILLIE JR	Pacific Bell

W 11TH PL

233 W 11TH PL

Year	Uses	Source
1966	WEST COAST ELECTRICAL MFG CO	Pacific Telephone
1962	WEST COAST ELECTRICAL MFG CO	Pacific Telephone

234 1/2 W 11TH PL

Year	Uses	Source
1986	SHAW LYDIE MAE	Pacific Bell

250 W 11TH PL

Year	Uses	Source
1980	WESTERN PACKERS W 11TH PL LOS ANGELES	Pacific Telephone

W 11TH ST

211 W 11TH ST

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc

215 W 11TH ST

Year	Uses	Source
1966	ROTEX DIV OF AVERY PRODUCTS CORPORATION	Pacific Telephone
1958	HERBERT ELSTER & CO INC	Pacific Telephone
	Elster Herbert & Co Inc	Pacific Telephone

217 W 11TH ST

Year	Uses	Source
2013	JOB CORPS	Cole Information Services

Year	Uses	Source
2013	JOB CORPS OUTREACH & ADMISSIONS SE	Cole Information Services
2008	JOB CORPS	Cole Information Services
	JOB CORPS FEMALE ADMISSIONS	Cole Information Services
2006	JOB CORPS	Haines Company, Inc
	JOB CORPS	Haines Company, Inc

222 W 11TH ST

Year	Uses	Source
1976	Ross L	Pacific Telephone

224 W 11TH ST

Year	Uses	Source
2008	MO & J INC	Cole Information Services

225 W 11TH ST

Year	Uses	Source
1976	Shapiro Sewing Machine Co	Pacific Telephone
	Shapiro L Sewing Machine Co	Pacific Telephone
1967	Atlantic Theatrical Agoy	Pacific Telephone
	Atlantic Transport	Pacific Telephone
	Premier Weapons Coro	Pacific Telephone
1958	Associated Industrial Management Services	Pacific Telephone
	Aims Associated Industrial Management Services	Pacific Telephone
	Standard Employment Agcy Los Angeles Ofc	Pacific Telephone
	Eyre L E Doc Standard Employment Agcy	Pacific Telephone

227 W 11TH ST

Year	Uses	Source
1976	Rose Fashions	Pacific Telephone

231 W 11TH ST

Year	Uses	Source
1976	Franklin B Printer	Pacific Telephone

233 W 11TH ST

Year	Uses	Source
1976	Gilbert Mary A	Pacific Telephone

FINDINGS

325 W 11TH ST

Year	Uses	Source
1958	Union Distributing Co	Pacific Telephone
	Union Mfg & Dist Co	Pacific Telephone

330 W 11TH ST

Year	Uses	Source
2013	NELLA	Cole Information Services
	MAKI LISA L LAW OFFICES	Cole Information Services
2008	STR BUSINESS MEDICAL	Cole Information Services
	FASHION MARKING SERVICES INC	Cole Information Services
	LAW OFFICE OF STEVEN D VALENTINE	Cole Information Services
	VINTINIER INC	Cole Information Services
	INC INC	Cole Information Services
2006	CORNEJO Joaquin	Haines Company, Inc
	SHIERJared	Haines Company, Inc
	ROSS Cynthia	Haines Company, Inc
	MIRACLE MACHINES	Haines Company, Inc
	LEAChristopher	Haines Company, Inc
	KYLOWAJana J	Haines Company, Inc
	KIM Soungok	Haines Company, Inc
	REAL ESTATE SERV	Haines Company, Inc
	KAMERON&CO	Haines Company, Inc
	Sumner H	Haines Company, Inc
	HOLLINGSWORTH	Haines Company, Inc
	SERVICE	Haines Company, Inc
	FASHION MARKING	Haines Company, Inc
	FANG Sang	Haines Company, Inc
	COULOURES K	Haines Company, Inc
	APARTMENTS	Haines Company, Inc

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
South Olive Street/West 11th Street	2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1027 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1036 S GRAND AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1036 S GRAND AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1040 S GRAND AVE	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1040 S GRAND AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1042 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1042 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1044 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1044 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1044 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1046 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1046 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1046 S OLIVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1046 S OLIVE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1046 S OLIVE ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1047 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1047 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1047 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1048 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1050 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1050 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1050 S OLIVE ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1052 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1052 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1054 S OLIVE ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1055 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1056 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1056 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1056 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1058 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1058 S OLIVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1060 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1060 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1064 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1100 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1102 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1103 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1104 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1106 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1108 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1108 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1110 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1114 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1114 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1115 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1117 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1117 S OLIVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1117 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1119 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1119 S OLIVE ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1119 S OLIVE ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1120 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1123 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1124 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1127 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1128 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1128 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1128 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1130 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1130 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1133 S OLIVE ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1134B OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1136 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1136 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1137 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1141 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1143 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1143 S OLIVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1143 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1144 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 S OLIVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 S OLIVE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 S OLIVE ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1990, 1986, 1985, 1981, 1980, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1152 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1155 OLIVE S	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1155 OLIVE ST S	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1155 S OLIVE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1155 S OLIVE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 W 11TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
214E 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
215 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
217 W 11TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
217 W 11TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
222 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
224 W 11TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
225 W 11TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
225 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
227 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
229 W 11TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
231 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 W 11TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
234 1/2 W 11TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
250 W 11TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
317 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
325 W 11TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
330 W 11TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
330 W 11TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
336 W 116TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

APPENDIX H

LABORATORY REPORTS

Leighton

December 09, 2015

Meredith Church
Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614
Tel: (949) 681-4208
Fax:(949) 757-7230

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1504097
Client Reference : 1033 Olive, 11202.001

Enclosed are the results for sample(s) received on December 02, 2015 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Certificate of Analysis

Leighton Consulting, Inc.		Project Number :	1033 Olive, 11202.001
17781 Cowan Street		Report To :	Meredith Church
Irvine , CA 92614		Reported :	12/09/2015

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CH1-2.5	1504097-01	Soil	12/02/15 7:30	12/02/15 13:13
CH1-5.0	1504097-02	Soil	12/02/15 7:32	12/02/15 13:13
CH1-10.0	1504097-03	Soil	12/02/15 7:34	12/02/15 13:13
CH1-15.0	1504097-04	Soil	12/02/15 7:36	12/02/15 13:13
CH1-20.0	1504097-05	Soil	12/02/15 7:38	12/02/15 13:13
CH2-2.5	1504097-06	Soil	12/02/15 10:20	12/02/15 13:13
CH2-5.0	1504097-07	Soil	12/02/15 10:25	12/02/15 13:13

CASE NARRATIVE

All volatile analyses were performed using 5035 preservation requirements. Any high level dilutions were performed on a preserved methanol sample unless otherwise noted.

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-2.5

Lab ID: 1504097-01

Title 22 Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Arsenic	**4.7**	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Barium	**140**	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Beryllium	ND	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Cadmium	ND	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Chromium	**16**	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Cobalt	**6.4**	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Copper	**24**	2.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Lead	**19**	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Molybdenum	**1.1**	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Nickel	**13**	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Selenium	ND	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Silver	ND	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Thallium	ND	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Vanadium	**28**	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	
Zinc	**41**	1.0	1	B5L0164	12/08/2015	12/09/15 09:40	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	**0.16**	0.10	1	B5L0169	12/08/2015	12/09/15 08:46	

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: CL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C12	**11**	10	1	B5L0068	12/03/2015	12/07/15 22:08	
C13-C28	ND	10	1	B5L0068	12/03/2015	12/07/15 22:08	
C29-C40	ND	10	1	B5L0068	12/03/2015	12/07/15 22:08	
Surrogate: p-Terphenyl	*106 %*	*49 - 142*		B5L0068	12/03/2015	*12/07/15 22:08*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-2.5

Lab ID: 1504097-01

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,1,1-Trichloroethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,1,2,2-Tetrachloroethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,1,2-Trichloroethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,1-Dichloroethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,1-Dichloroethene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,1-Dichloropropene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,2,3-Trichloropropane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,2,3-Trichlorobenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,2,4-Trichlorobenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,2,4-Trimethylbenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,2-Dibromo-3-chloropropane	ND	9.1	1	B5L0092	12/04/2015	12/04/15 10:41	
1,2-Dibromoethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,2-Dichlorobenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,2-Dichloroethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,2-Dichloropropane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,3,5-Trimethylbenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,3-Dichlorobenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,3-Dichloropropane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
1,4-Dichlorobenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
2,2-Dichloropropane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
2-Chlorotoluene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
4-Chlorotoluene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
4-Isopropyltoluene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Benzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Bromobenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Bromochloromethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Bromodichloromethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Bromoform	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Bromomethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Carbon disulfide	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Carbon tetrachloride	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Chlorobenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Chloroethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Chloroform	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Chloromethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
cis-1,2-Dichloroethene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-2.5

Lab ID: 1504097-01

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
cis-1,3-Dichloropropene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Di-isopropyl ether	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Dibromochloromethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Dibromomethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Dichlorodifluoromethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Ethyl Acetate	ND	45	1	B5L0092	12/04/2015	12/04/15 10:41	
Ethyl Ether	ND	45	1	B5L0092	12/04/2015	12/04/15 10:41	
Ethyl tert-butyl ether	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Ethylbenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Freon-113	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Hexachlorobutadiene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Isopropylbenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
m,p-Xylene	ND	9.1	1	B5L0092	12/04/2015	12/04/15 10:41	
Methylene chloride	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
MTBE	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
n-Butylbenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
n-Propylbenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Naphthalene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
o-Xylene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
sec-Butylbenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Styrene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
tert-Amyl methyl ether	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
tert-Butanol	ND	91	1	B5L0092	12/04/2015	12/04/15 10:41	
tert-Butylbenzene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Tetrachloroethene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Toluene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
trans-1,2-Dichloroethene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
trans-1,3-Dichloropropene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Trichloroethene	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Trichlorofluoromethane	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Vinyl acetate	ND	45	1	B5L0092	12/04/2015	12/04/15 10:41	
Vinyl chloride	ND	4.5	1	B5L0092	12/04/2015	12/04/15 10:41	
Surrogate: 1,2-Dichloroethane-d4	*114 %*	*20 - 189*		B5L0092	12/04/2015	*12/04/15 10:41*	
Surrogate: 4-Bromofluorobenzene	*85.7 %*	*20 - 173*		B5L0092	12/04/2015	*12/04/15 10:41*	
Surrogate: Dibromofluoromethane	*108 %*	*26 - 178*		B5L0092	12/04/2015	*12/04/15 10:41*	
Surrogate: Toluene-d8	*89.1 %*	*31 - 166*		B5L0092	12/04/2015	*12/04/15 10:41*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-5.0

Lab ID: 1504097-02

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: CL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C12	ND	10	1	B5L0068	12/03/2015	12/07/15 21:09	
C13-C28	ND	10	1	B5L0068	12/03/2015	12/07/15 21:09	
C29-C40	ND	10	1	B5L0068	12/03/2015	12/07/15 21:09	
Surrogate: p-Terphenyl	*113 %*	*49 - 142*		B5L0068	12/03/2015	*12/07/15 21:09*	

Volatile Organic Compounds by EPA 5035/EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,1,1-Trichloroethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,1,2,2-Tetrachloroethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,1,2-Trichloroethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,1-Dichloroethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,1-Dichloroethene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,1-Dichloropropene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,2,3-Trichloropropane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,2,3-Trichlorobenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,2,4-Trichlorobenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,2,4-Trimethylbenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,2-Dibromo-3-chloropropane	ND	8.4	1	B5L0092	12/04/2015	12/04/15 11:00	
1,2-Dibromoethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,2-Dichlorobenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,2-Dichloroethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,2-Dichloropropane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,3,5-Trimethylbenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,3-Dichlorobenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,3-Dichloropropane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
1,4-Dichlorobenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
2,2-Dichloropropane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
2-Chlorotoluene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
4-Chlorotoluene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
4-Isopropyltoluene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Benzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Bromobenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Bromochloromethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Bromodichloromethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-5.0

Lab ID: 1504097-02

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromoform	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Bromomethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Carbon disulfide	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Carbon tetrachloride	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Chlorobenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Chloroethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Chloroform	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Chloromethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
cis-1,2-Dichloroethene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
cis-1,3-Dichloropropene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Di-isopropyl ether	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Dibromochloromethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Dibromomethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Dichlorodifluoromethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Ethyl Acetate	ND	42	1	B5L0092	12/04/2015	12/04/15 11:00	
Ethyl Ether	ND	42	1	B5L0092	12/04/2015	12/04/15 11:00	
Ethyl tert-butyl ether	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Ethylbenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Freon-113	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Hexachlorobutadiene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Isopropylbenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
m,p-Xylene	ND	8.4	1	B5L0092	12/04/2015	12/04/15 11:00	
Methylene chloride	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
MTBE	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
n-Butylbenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
n-Propylbenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Naphthalene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
o-Xylene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
sec-Butylbenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Styrene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
tert-Amyl methyl ether	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
tert-Butanol	ND	84	1	B5L0092	12/04/2015	12/04/15 11:00	
tert-Butylbenzene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Tetrachloroethene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Toluene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
trans-1,2-Dichloroethene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
trans-1,3-Dichloropropene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-5.0

Lab ID: 1504097-02

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Trichlorofluoromethane	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Vinyl acetate	ND	42	1	B5L0092	12/04/2015	12/04/15 11:00	
Vinyl chloride	ND	4.2	1	B5L0092	12/04/2015	12/04/15 11:00	
Surrogate: 1,2-Dichloroethane-d4	*109 %*	*20 - 189*		B5L0092	12/04/2015	*12/04/15 11:00*	
Surrogate: 4-Bromofluorobenzene	*93.4 %*	*20 - 173*		B5L0092	12/04/2015	*12/04/15 11:00*	
Surrogate: Dibromofluoromethane	*105 %*	*26 - 178*		B5L0092	12/04/2015	*12/04/15 11:00*	
Surrogate: Toluene-d8	*89.6 %*	*31 - 166*		B5L0092	12/04/2015	*12/04/15 11:00*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-10.0

Lab ID: 1504097-03

Hydrocarbon Chain Distribution by EPA 8015B (Modified) **Analyst: CL**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C12	ND	10	1	B5L0068	12/03/2015	12/07/15 21:18	
C13-C28	ND	10	1	B5L0068	12/03/2015	12/07/15 21:18	
C29-C40	ND	10	1	B5L0068	12/03/2015	12/07/15 21:18	
Surrogate: p-Terphenyl	*111 %*	*49 - 142*		B5L0068	12/03/2015	*12/07/15 21:18*	

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,1,1-Trichloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,1,2-Trichloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,1-Dichloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,1-Dichloroethene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,1-Dichloropropene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,2,3-Trichloropropane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,2,3-Trichlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,2,4-Trichlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,2,4-Trimethylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,2-Dibromo-3-chloropropane	ND	9.9	1	B5L0092	12/04/2015	12/04/15 11:18	
1,2-Dibromoethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,2-Dichlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,2-Dichloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,2-Dichloropropane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,3,5-Trimethylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,3-Dichlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,3-Dichloropropane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
1,4-Dichlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
2,2-Dichloropropane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
2-Chlorotoluene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
4-Chlorotoluene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
4-Isopropyltoluene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Benzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Bromobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Bromochloromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Bromodichloromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-10.0

Lab ID: 1504097-03

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromoform	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Bromomethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Carbon disulfide	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Carbon tetrachloride	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Chlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Chloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Chloroform	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Chloromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
cis-1,2-Dichloroethene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
cis-1,3-Dichloropropene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Di-isopropyl ether	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Dibromochloromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Dibromomethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Dichlorodifluoromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Ethyl Acetate	ND	50	1	B5L0092	12/04/2015	12/04/15 11:18	
Ethyl Ether	ND	50	1	B5L0092	12/04/2015	12/04/15 11:18	
Ethyl tert-butyl ether	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Ethylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Freon-113	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Hexachlorobutadiene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Isopropylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
m,p-Xylene	ND	9.9	1	B5L0092	12/04/2015	12/04/15 11:18	
Methylene chloride	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
MTBE	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
n-Butylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
n-Propylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Naphthalene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
o-Xylene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
sec-Butylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Styrene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
tert-Amyl methyl ether	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
tert-Butanol	ND	99	1	B5L0092	12/04/2015	12/04/15 11:18	
tert-Butylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Tetrachloroethene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Toluene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
trans-1,2-Dichloroethene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
trans-1,3-Dichloropropene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-10.0

Lab ID: 1504097-03

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Trichlorofluoromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Vinyl acetate	ND	50	1	B5L0092	12/04/2015	12/04/15 11:18	
Vinyl chloride	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:18	
Surrogate: 1,2-Dichloroethane-d4	*104 %*	*20 - 189*		B5L0092	12/04/2015	*12/04/15 11:18*	
Surrogate: 4-Bromofluorobenzene	*92.8 %*	*20 - 173*		B5L0092	12/04/2015	*12/04/15 11:18*	
Surrogate: Dibromofluoromethane	*106 %*	*26 - 178*		B5L0092	12/04/2015	*12/04/15 11:18*	
Surrogate: Toluene-d8	*93.4 %*	*31 - 166*		B5L0092	12/04/2015	*12/04/15 11:18*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-15.0

Lab ID: 1504097-04

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: CL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C12	ND	10	1	B5L0068	12/03/2015	12/07/15 21:28	
C13-C28	ND	10	1	B5L0068	12/03/2015	12/07/15 21:28	
C29-C40	ND	10	1	B5L0068	12/03/2015	12/07/15 21:28	
Surrogate: p-Terphenyl	*117 %*	*49 - 142*		B5L0068	12/03/2015	*12/07/15 21:28*	

Volatile Organic Compounds by EPA 5035/EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,1,1-Trichloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,1,2-Trichloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,1-Dichloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,1-Dichloroethene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,1-Dichloropropene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,2,3-Trichloropropane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,2,3-Trichlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,2,4-Trichlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,2,4-Trimethylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,2-Dibromo-3-chloropropane	ND	9.9	1	B5L0092	12/04/2015	12/04/15 11:37	
1,2-Dibromoethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,2-Dichlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,2-Dichloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,2-Dichloropropane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,3,5-Trimethylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,3-Dichlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,3-Dichloropropane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
1,4-Dichlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
2,2-Dichloropropane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
2-Chlorotoluene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
4-Chlorotoluene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
4-Isopropyltoluene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Benzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Bromobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Bromochloromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Bromodichloromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-15.0

Lab ID: 1504097-04

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromoform	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Bromomethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Carbon disulfide	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Carbon tetrachloride	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Chlorobenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Chloroethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Chloroform	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Chloromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
cis-1,2-Dichloroethene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
cis-1,3-Dichloropropene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Di-isopropyl ether	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Dibromochloromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Dibromomethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Dichlorodifluoromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Ethyl Acetate	ND	50	1	B5L0092	12/04/2015	12/04/15 11:37	
Ethyl Ether	ND	50	1	B5L0092	12/04/2015	12/04/15 11:37	
Ethyl tert-butyl ether	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Ethylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Freon-113	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Hexachlorobutadiene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Isopropylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
m,p-Xylene	ND	9.9	1	B5L0092	12/04/2015	12/04/15 11:37	
Methylene chloride	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
MTBE	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
n-Butylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
n-Propylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Naphthalene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
o-Xylene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
sec-Butylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Styrene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
tert-Amyl methyl ether	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
tert-Butanol	ND	99	1	B5L0092	12/04/2015	12/04/15 11:37	
tert-Butylbenzene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Tetrachloroethene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Toluene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
trans-1,2-Dichloroethene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
trans-1,3-Dichloropropene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-15.0

Lab ID: 1504097-04

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Trichlorofluoromethane	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Vinyl acetate	ND	50	1	B5L0092	12/04/2015	12/04/15 11:37	
Vinyl chloride	ND	5.0	1	B5L0092	12/04/2015	12/04/15 11:37	
Surrogate: 1,2-Dichloroethane-d4	*111 %*	*20 - 189*		B5L0092	12/04/2015	*12/04/15 11:37*	
Surrogate: 4-Bromofluorobenzene	*92.1 %*	*20 - 173*		B5L0092	12/04/2015	*12/04/15 11:37*	
Surrogate: Dibromofluoromethane	*103 %*	*26 - 178*		B5L0092	12/04/2015	*12/04/15 11:37*	
Surrogate: Toluene-d8	*92.1 %*	*31 - 166*		B5L0092	12/04/2015	*12/04/15 11:37*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-20.0

Lab ID: 1504097-05

Hydrocarbon Chain Distribution by EPA 8015B (Modified) **Analyst: CL**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C12	ND	10	1	B5L0068	12/03/2015	12/07/15 21:38	
C13-C28	ND	10	1	B5L0068	12/03/2015	12/07/15 21:38	
C29-C40	ND	10	1	B5L0068	12/03/2015	12/07/15 21:38	
Surrogate: p-Terphenyl	*115 %*	*49 - 142*		B5L0068	12/03/2015	*12/07/15 21:38*	

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,1,1-Trichloroethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,1,2,2-Tetrachloroethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,1,2-Trichloroethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,1-Dichloroethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,1-Dichloroethene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,1-Dichloropropene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,2,3-Trichloropropane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,2,3-Trichlorobenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,2,4-Trichlorobenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,2,4-Trimethylbenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,2-Dibromo-3-chloropropane	ND	9.3	1	B5L0092	12/04/2015	12/04/15 13:10	
1,2-Dibromoethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,2-Dichlorobenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,2-Dichloroethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,2-Dichloropropane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,3,5-Trimethylbenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,3-Dichlorobenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,3-Dichloropropane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
1,4-Dichlorobenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
2,2-Dichloropropane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
2-Chlorotoluene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
4-Chlorotoluene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
4-Isopropyltoluene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Benzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Bromobenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Bromochloromethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Bromodichloromethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-20.0

Lab ID: 1504097-05

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromoform	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Bromomethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Carbon disulfide	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Carbon tetrachloride	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Chlorobenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Chloroethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Chloroform	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Chloromethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
cis-1,2-Dichloroethene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
cis-1,3-Dichloropropene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Di-isopropyl ether	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Dibromochloromethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Dibromomethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Dichlorodifluoromethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Ethyl Acetate	ND	46	1	B5L0092	12/04/2015	12/04/15 13:10	
Ethyl Ether	ND	46	1	B5L0092	12/04/2015	12/04/15 13:10	
Ethyl tert-butyl ether	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Ethylbenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Freon-113	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Hexachlorobutadiene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Isopropylbenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
m,p-Xylene	ND	9.3	1	B5L0092	12/04/2015	12/04/15 13:10	
Methylene chloride	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
MTBE	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
n-Butylbenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
n-Propylbenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Naphthalene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
o-Xylene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
sec-Butylbenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Styrene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
tert-Amyl methyl ether	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
tert-Butanol	ND	93	1	B5L0092	12/04/2015	12/04/15 13:10	
tert-Butylbenzene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Tetrachloroethene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Toluene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
trans-1,2-Dichloroethene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
trans-1,3-Dichloropropene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH1-20.0

Lab ID: 1504097-05

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Trichlorofluoromethane	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Vinyl acetate	ND	46	1	B5L0092	12/04/2015	12/04/15 13:10	
Vinyl chloride	ND	4.6	1	B5L0092	12/04/2015	12/04/15 13:10	
Surrogate: 1,2-Dichloroethane-d4	*114 %*	*20 - 189*		B5L0092	12/04/2015	*12/04/15 13:10*	
Surrogate: 4-Bromofluorobenzene	*93.4 %*	*20 - 173*		B5L0092	12/04/2015	*12/04/15 13:10*	
Surrogate: Dibromofluoromethane	*112 %*	*26 - 178*		B5L0092	12/04/2015	*12/04/15 13:10*	
Surrogate: Toluene-d8	*96.4 %*	*31 - 166*		B5L0092	12/04/2015	*12/04/15 13:10*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH2-2.5

Lab ID: 1504097-06

Title 22 Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Arsenic	**3.7**	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Barium	**120**	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Beryllium	ND	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Cadmium	ND	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Chromium	**18**	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Cobalt	**7.8**	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Copper	**16**	2.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Lead	**4.1**	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Molybdenum	**1.3**	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Nickel	**18**	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Selenium	ND	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Silver	ND	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Thallium	ND	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Vanadium	**33**	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	
Zinc	**32**	1.0	1	B5L0164	12/08/2015	12/09/15 09:44	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B5L0169	12/08/2015	12/09/15 08:53	

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: CL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C12	**11**	10	1	B5L0068	12/03/2015	12/07/15 21:48	
C13-C28	ND	10	1	B5L0068	12/03/2015	12/07/15 21:48	
C29-C40	ND	10	1	B5L0068	12/03/2015	12/07/15 21:48	
Surrogate: p-Terphenyl	*109 %*	*49 - 142*		B5L0068	12/03/2015	*12/07/15 21:48*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH2-2.5

Lab ID: 1504097-06

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,1,1-Trichloroethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,1,2,2-Tetrachloroethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,1,2-Trichloroethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,1-Dichloroethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,1-Dichloroethene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,1-Dichloropropene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,2,3-Trichloropropane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,2,3-Trichlorobenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,2,4-Trichlorobenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,2,4-Trimethylbenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,2-Dibromo-3-chloropropane	ND	11	1	B5L0092	12/04/2015	12/04/15 12:14	
1,2-Dibromoethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,2-Dichlorobenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,2-Dichloroethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,2-Dichloropropane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,3,5-Trimethylbenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,3-Dichlorobenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,3-Dichloropropane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
1,4-Dichlorobenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
2,2-Dichloropropane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
2-Chlorotoluene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
4-Chlorotoluene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
4-Isopropyltoluene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Benzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Bromobenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Bromochloromethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Bromodichloromethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Bromoform	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Bromomethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Carbon disulfide	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Carbon tetrachloride	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Chlorobenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Chloroethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Chloroform	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Chloromethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
cis-1,2-Dichloroethene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH2-2.5

Lab ID: 1504097-06

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
cis-1,3-Dichloropropene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Di-isopropyl ether	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Dibromochloromethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Dibromomethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Dichlorodifluoromethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Ethyl Acetate	ND	53	1	B5L0092	12/04/2015	12/04/15 12:14	
Ethyl Ether	ND	53	1	B5L0092	12/04/2015	12/04/15 12:14	
Ethyl tert-butyl ether	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Ethylbenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Freon-113	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Hexachlorobutadiene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Isopropylbenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
m,p-Xylene	ND	11	1	B5L0092	12/04/2015	12/04/15 12:14	
Methylene chloride	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
MTBE	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
n-Butylbenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
n-Propylbenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Naphthalene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
o-Xylene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
sec-Butylbenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Styrene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
tert-Amyl methyl ether	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
tert-Butanol	ND	110	1	B5L0092	12/04/2015	12/04/15 12:14	
tert-Butylbenzene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Tetrachloroethene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Toluene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
trans-1,2-Dichloroethene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
trans-1,3-Dichloropropene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Trichloroethene	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Trichlorofluoromethane	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Vinyl acetate	ND	53	1	B5L0092	12/04/2015	12/04/15 12:14	
Vinyl chloride	ND	5.3	1	B5L0092	12/04/2015	12/04/15 12:14	
Surrogate: 1,2-Dichloroethane-d4	*113 %*	*20 - 189*		B5L0092	12/04/2015	*12/04/15 12:14*	
Surrogate: 4-Bromofluorobenzene	*94.2 %*	*20 - 173*		B5L0092	12/04/2015	*12/04/15 12:14*	
Surrogate: Dibromofluoromethane	*108 %*	*26 - 178*		B5L0092	12/04/2015	*12/04/15 12:14*	
Surrogate: Toluene-d8	*95.8 %*	*31 - 166*		B5L0092	12/04/2015	*12/04/15 12:14*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH2-5.0

Lab ID: 1504097-07

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: CL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C12	**11**	10	1	B5L0068	12/03/2015	12/07/15 21:58	
C13-C28	ND	10	1	B5L0068	12/03/2015	12/07/15 21:58	
C29-C40	ND	10	1	B5L0068	12/03/2015	12/07/15 21:58	
Surrogate: p-Terphenyl	*112 %*	*49 - 142*		B5L0068	12/03/2015	*12/07/15 21:58*	

Volatile Organic Compounds by EPA 5035/EPA 8260B

Analyst: AG

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,1,1-Trichloroethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,1,2,2-Tetrachloroethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,1,2-Trichloroethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,1-Dichloroethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,1-Dichloroethene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,1-Dichloropropene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,2,3-Trichloropropane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,2,3-Trichlorobenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,2,4-Trichlorobenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,2,4-Trimethylbenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,2-Dibromo-3-chloropropane	ND	8.8	1	B5L0092	12/04/2015	12/04/15 12:33	
1,2-Dibromoethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,2-Dichlorobenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,2-Dichloroethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,2-Dichloropropane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,3,5-Trimethylbenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,3-Dichlorobenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,3-Dichloropropane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
1,4-Dichlorobenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
2,2-Dichloropropane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
2-Chlorotoluene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
4-Chlorotoluene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
4-Isopropyltoluene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Benzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Bromobenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Bromochloromethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Bromodichloromethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH2-5.0

Lab ID: 1504097-07

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromoform	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Bromomethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Carbon disulfide	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Carbon tetrachloride	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Chlorobenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Chloroethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Chloroform	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Chloromethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
cis-1,2-Dichloroethene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
cis-1,3-Dichloropropene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Di-isopropyl ether	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Dibromochloromethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Dibromomethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Dichlorodifluoromethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Ethyl Acetate	ND	44	1	B5L0092	12/04/2015	12/04/15 12:33	
Ethyl Ether	ND	44	1	B5L0092	12/04/2015	12/04/15 12:33	
Ethyl tert-butyl ether	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Ethylbenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Freon-113	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Hexachlorobutadiene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Isopropylbenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
m,p-Xylene	ND	8.8	1	B5L0092	12/04/2015	12/04/15 12:33	
Methylene chloride	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
MTBE	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
n-Butylbenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
n-Propylbenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Naphthalene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
o-Xylene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
sec-Butylbenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Styrene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
tert-Amyl methyl ether	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
tert-Butanol	ND	88	1	B5L0092	12/04/2015	12/04/15 12:33	
tert-Butylbenzene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Tetrachloroethene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Toluene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
trans-1,2-Dichloroethene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
trans-1,3-Dichloropropene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Client Sample ID CH2-5.0

Lab ID: 1504097-07

Volatile Organic Compounds by EPA 5035/EPA 8260B **Analyst: AG**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Trichlorofluoromethane	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Vinyl acetate	ND	44	1	B5L0092	12/04/2015	12/04/15 12:33	
Vinyl chloride	ND	4.4	1	B5L0092	12/04/2015	12/04/15 12:33	
Surrogate: 1,2-Dichloroethane-d4	*116 %*	*20 - 189*		B5L0092	12/04/2015	*12/04/15 12:33*	
Surrogate: 4-Bromofluorobenzene	*89.4 %*	*20 - 173*		B5L0092	12/04/2015	*12/04/15 12:33*	
Surrogate: Dibromofluoromethane	*107 %*	*26 - 178*		B5L0092	12/04/2015	*12/04/15 12:33*	
Surrogate: Toluene-d8	*92.8 %*	*31 - 166*		B5L0092	12/04/2015	*12/04/15 12:33*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

QUALITY CONTROL SECTION

Title 22 Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0164 - EPA 3050B_S									
Blank (B5L0164-BLK1)				Prepared: 12/8/2015 Analyzed: 12/9/2015					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B5L0164-BS1)				Prepared: 12/8/2015 Analyzed: 12/9/2015					
Antimony	47.2803	2.0	50.0000		94.6	80 - 120			
Arsenic	45.7000	1.0	50.0000		91.4	80 - 120			
Barium	48.8010	1.0	50.0000		97.6	80 - 120			
Beryllium	45.6745	1.0	50.0000		91.3	80 - 120			
Cadmium	46.9256	1.0	50.0000		93.9	80 - 120			
Chromium	48.9233	1.0	50.0000		97.8	80 - 120			
Cobalt	47.2574	1.0	50.0000		94.5	80 - 120			
Copper	45.3354	2.0	50.0000		90.7	80 - 120			
Lead	47.3994	1.0	50.0000		94.8	80 - 120			
Molybdenum	45.7813	1.0	50.0000		91.6	80 - 120			
Nickel	46.3598	1.0	50.0000		92.7	80 - 120			
Selenium	43.2141	1.0	50.0000		86.4	80 - 120			
Silver	46.2049	1.0	50.0000		92.4	80 - 120			
Thallium	48.3763	1.0	50.0000		96.8	80 - 120			
Vanadium	47.8675	1.0	50.0000		95.7	80 - 120			
Zinc	44.8379	1.0	50.0000		89.7	80 - 120			
Matrix Spike (B5L0164-MS1)		**Source: 1504097-01**		Prepared: 12/8/2015 Analyzed: 12/9/2015					
Antimony	83.4618	2.0	125.000	ND	66.8	28 - 106			
Arsenic	99.7630	1.0	125.000	4.71687	76.0	57 - 109			
Barium	241.240	1.0	125.000	138.829	81.9	18 - 159			
Beryllium	94.1482	1.0	125.000	0.426808	75.0	61 - 107			

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Title 22 Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0164 - EPA 3050B_S (continued)									
Matrix Spike (B5L0164-MS1) - Continued		**Source: 1504097-01**		Prepared: 12/8/2015 Analyzed: 12/9/2015					
Cadmium	88.4510	1.0	125.000	0.252216	70.6	53 - 104			
Chromium	112.396	1.0	125.000	15.6111	77.4	53 - 121			
Cobalt	95.3482	1.0	125.000	6.37768	71.2	55 - 109			
Copper	125.897	2.0	125.000	24.3554	81.2	58 - 124			
Lead	109.855	1.0	125.000	19.0409	72.7	35 - 129			
Molybdenum	94.2102	1.0	125.000	1.14512	74.5	57 - 108			
Nickel	101.632	1.0	125.000	12.8412	71.0	44 - 122			
Selenium	91.1622	1.0	125.000	ND	72.9	54 - 104			
Silver	97.0868	1.0	125.000	ND	77.7	60 - 112			
Thallium	90.0037	1.0	125.000	ND	72.0	50 - 103			
Vanadium	126.026	1.0	125.000	27.6404	78.7	54 - 123			
Zinc	129.618	1.0	125.000	41.1640	70.8	29 - 132			
Matrix Spike Dup (B5L0164-MSD1)		**Source: 1504097-01**		Prepared: 12/8/2015 Analyzed: 12/9/2015					
Antimony	80.0426	2.0	125.000	ND	64.0	28 - 106	4.18	20	
Arsenic	97.7252	1.0	125.000	4.71687	74.4	57 - 109	2.06	20	
Barium	233.636	1.0	125.000	138.829	75.8	18 - 159	3.20	20	
Beryllium	91.4488	1.0	125.000	0.426808	72.8	61 - 107	2.91	20	
Cadmium	84.6128	1.0	125.000	0.252216	67.5	53 - 104	4.44	20	
Chromium	110.291	1.0	125.000	15.6111	75.7	53 - 121	1.89	20	
Cobalt	92.4182	1.0	125.000	6.37768	68.8	55 - 109	3.12	20	
Copper	122.366	2.0	125.000	24.3554	78.4	58 - 124	2.84	20	
Lead	108.104	1.0	125.000	19.0409	71.3	35 - 129	1.61	20	
Molybdenum	91.8482	1.0	125.000	1.14512	72.6	57 - 108	2.54	20	
Nickel	98.7309	1.0	125.000	12.8412	68.7	44 - 122	2.90	20	
Selenium	89.0032	1.0	125.000	ND	71.2	54 - 104	2.40	20	
Silver	94.3010	1.0	125.000	ND	75.4	60 - 112	2.91	20	
Thallium	87.3384	1.0	125.000	ND	69.9	50 - 103	3.01	20	
Vanadium	124.974	1.0	125.000	27.6404	77.9	54 - 123	0.838	20	
Zinc	126.852	1.0	125.000	41.1640	68.6	29 - 132	2.16	20	

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Mercury by AA (Cold Vapor) EPA 7471A - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0169 - EPA 7471_S									
Blank (B5L0169-BLK1)				Prepared: 12/8/2015 Analyzed: 12/9/2015					
Mercury	ND	0.10			NR				
LCS (B5L0169-BS1)				Prepared: 12/8/2015 Analyzed: 12/9/2015					
Mercury	0.851288	0.10	0.833333		102	80 - 120			
Matrix Spike (B5L0169-MS1)		**Source: 1504097-01**		Prepared: 12/8/2015 Analyzed: 12/9/2015					
Mercury	0.945847	0.10	0.833333	0.157010	94.7	70 - 130			
Matrix Spike Dup (B5L0169-MSD1)		**Source: 1504097-01**		Prepared: 12/8/2015 Analyzed: 12/9/2015					
Mercury	0.920947	0.10	0.833333	0.157010	91.7	70 - 130	2.67	20	
Post Spike (B5L0169-PS1)		**Source: 1504097-01**		Prepared: 12/8/2015 Analyzed: 12/9/2015					
Mercury	7.2776E-3		5.00000E-3	0.001884	108	85 - 115			

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Hydrocarbon Chain Distribution by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0068 - GCSEMI_DRO_S									
Blank (B5L0068-BLK1)					Prepared: 12/3/2015 Analyzed: 12/7/2015				
C8-C12	ND	10			NR				
C13-C28	ND	10			NR				
C29-C40	ND	10			NR				
Surrogate: p-Terphenyl	*88.93*		*80.0000*		*111*	*49 - 142*			
LCS (B5L0068-BS1)					Prepared: 12/3/2015 Analyzed: 12/7/2015				
DRO	1067.61	10	1000.00		107	48 - 155			
Surrogate: p-Terphenyl	*95.33*		*80.0000*		*119*	*49 - 142*			
Matrix Spike (B5L0068-MS1)		**Source: 1504097-07**			Prepared: 12/3/2015 Analyzed: 12/7/2015				
DRO	1040.07	10	1000.00	ND	104	30 - 173			
Surrogate: p-Terphenyl	*93.61*		*80.0000*		*117*	*49 - 142*			
Matrix Spike Dup (B5L0068-MSD1)		**Source: 1504097-07**			Prepared: 12/3/2015 Analyzed: 12/7/2015				
DRO	1029.66	10	1000.00	ND	103	30 - 173	1.01	20	
Surrogate: p-Terphenyl	*92.38*		*80.0000*		*115*	*49 - 142*			

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Volatile Organic Compounds by EPA 5035/EPA 8260B - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0092 - MSVOA_S									
Blank (B5L0092-BLK1)				Prepared: 12/4/2015 Analyzed: 12/4/2015					
1,1,1,2-Tetrachloroethane	ND	5.0			NR				
1,1,1-Trichloroethane	ND	5.0			NR				
1,1,2,2-Tetrachloroethane	ND	5.0			NR				
1,1,2-Trichloroethane	ND	5.0			NR				
1,1-Dichloroethane	ND	5.0			NR				
1,1-Dichloroethene	ND	5.0			NR				
1,1-Dichloropropene	ND	5.0			NR				
1,2,3-Trichloropropane	ND	5.0			NR				
1,2,3-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trimethylbenzene	ND	5.0			NR				
1,2-Dibromo-3-chloropropane	ND	10			NR				
1,2-Dibromoethane	ND	5.0			NR				
1,2-Dichlorobenzene	ND	5.0			NR				
1,2-Dichloroethane	ND	5.0			NR				
1,2-Dichloropropane	ND	5.0			NR				
1,3,5-Trimethylbenzene	ND	5.0			NR				
1,3-Dichlorobenzene	ND	5.0			NR				
1,3-Dichloropropane	ND	5.0			NR				
1,4-Dichlorobenzene	ND	5.0			NR				
2,2-Dichloropropane	ND	5.0			NR				
2-Chlorotoluene	ND	5.0			NR				
4-Chlorotoluene	ND	5.0			NR				
4-Isopropyltoluene	ND	5.0			NR				
Benzene	ND	5.0			NR				
Bromobenzene	ND	5.0			NR				
Bromochloromethane	ND	5.0			NR				
Bromodichloromethane	ND	5.0			NR				
Bromoform	ND	5.0			NR				
Bromomethane	ND	5.0			NR				
Carbon disulfide	ND	5.0			NR				
Carbon tetrachloride	ND	5.0			NR				
Chlorobenzene	ND	5.0			NR				
Chloroethane	ND	5.0			NR				
Chloroform	ND	5.0			NR				
Chloromethane	ND	5.0			NR				
cis-1,2-Dichloroethene	ND	5.0			NR				
cis-1,3-Dichloropropene	ND	5.0			NR				
Di-isopropyl ether	ND	5.0			NR				
Dibromochloromethane	ND	5.0			NR				
Dibromomethane	ND	5.0			NR				

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Volatile Organic Compounds by EPA 5035/EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0092 - MSVOA_S (continued)									
Blank (B5L0092-BLK1) - Continued					Prepared: 12/4/2015 Analyzed: 12/4/2015				
Dichlorodifluoromethane	ND	5.0			NR				
Ethyl Acetate	ND	50			NR				
Ethyl Ether	ND	50			NR				
Ethyl tert-butyl ether	ND	5.0			NR				
Ethylbenzene	ND	5.0			NR				
Freon-113	ND	5.0			NR				
Hexachlorobutadiene	ND	5.0			NR				
Isopropylbenzene	ND	5.0			NR				
m,p-Xylene	ND	10			NR				
Methylene chloride	ND	5.0			NR				
MTBE	ND	5.0			NR				
n-Butylbenzene	ND	5.0			NR				
n-Propylbenzene	ND	5.0			NR				
Naphthalene	ND	5.0			NR				
o-Xylene	ND	5.0			NR				
sec-Butylbenzene	ND	5.0			NR				
Styrene	ND	5.0			NR				
tert-Amyl methyl ether	ND	5.0			NR				
tert-Butanol	ND	100			NR				
tert-Butylbenzene	ND	5.0			NR				
Tetrachloroethene	ND	5.0			NR				
Toluene	ND	5.0			NR				
trans-1,2-Dichloroethene	ND	5.0			NR				
trans-1,3-Dichloropropene	ND	5.0			NR				
Trichloroethene	ND	5.0			NR				
Trichlorofluoromethane	ND	5.0			NR				
Vinyl acetate	ND	50			NR				
Vinyl chloride	ND	5.0			NR				
Surrogate: 1,2-Dichloroethane-d4	*46.02*		*50.0000*		*92.0*	*20 - 189*			
Surrogate: 4-Bromofluorobenzene	*44.97*		*50.0000*		*89.9*	*20 - 173*			
Surrogate: Dibromofluoromethane	*52.05*		*50.0000*		*104*	*26 - 178*			
Surrogate: Toluene-d8	*45.62*		*50.0000*		*91.2*	*31 - 166*			
LCS (B5L0092-BS1)					Prepared: 12/4/2015 Analyzed: 12/4/2015				
1,1,1,2-Tetrachloroethane	45.4900	5.0	50.0000		91.0	74 - 117			
1,1,1-Trichloroethane	41.8100	5.0	50.0000		83.6	65 - 130			
1,1,2,2-Tetrachloroethane	43.7500	5.0	50.0000		87.5	63 - 123			
1,1,2-Trichloroethane	44.0300	5.0	50.0000		88.1	66 - 122			
1,1-Dichloroethane	40.1700	5.0	50.0000		80.3	65 - 124			
1,1-Dichloroethene	33.2000	5.0	50.0000		66.4	60 - 130			
1,1-Dichloropropene	43.9900	5.0	50.0000		88.0	75 - 121			

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Volatile Organic Compounds by EPA 5035/EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0092 - MSVOA_S (continued)									
LCS (B5L0092-BS1) - Continued				Prepared: 12/4/2015 Analyzed: 12/4/2015					
1,2,3-Trichloropropane	42.8900	5.0	50.0000		85.8	62 - 126			
1,2,3-Trichlorobenzene	46.0800	5.0	50.0000		92.2	72 - 120			
1,2,4-Trichlorobenzene	47.7500	5.0	50.0000		95.5	75 - 121			
1,2,4-Trimethylbenzene	44.3400	5.0	50.0000		88.7	82 - 118			
1,2-Dibromo-3-chloropropane	59.0300	10	50.0000		118	67 - 121			
1,2-Dibromoethane	45.4800	5.0	50.0000		91.0	69 - 123			
1,2-Dichlorobenzene	45.3700	5.0	50.0000		90.7	81 - 114			
1,2-Dichloroethane	46.0900	5.0	50.0000		92.2	71 - 119			
1,2-Dichloropropane	42.5800	5.0	50.0000		85.2	71 - 118			
1,3,5-Trimethylbenzene	44.3800	5.0	50.0000		88.8	81 - 120			
1,3-Dichlorobenzene	44.1500	5.0	50.0000		88.3	80 - 115			
1,3-Dichloropropane	47.1700	5.0	50.0000		94.3	77 - 117			
1,4-Dichlorobenzene	45.2600	5.0	50.0000		90.5	80 - 115			
2,2-Dichloropropane	42.0800	5.0	50.0000		84.2	58 - 141			
2-Chlorotoluene	44.2200	5.0	50.0000		88.4	78 - 120			
4-Chlorotoluene	45.5000	5.0	50.0000		91.0	79 - 119			
4-Isopropyltoluene	44.5600	5.0	50.0000		89.1	81 - 125			
Benzene	84.2400	5.0	100.000		84.2	73 - 116			
Bromobenzene	44.3300	5.0	50.0000		88.7	78 - 115			
Bromochloromethane	40.9800	5.0	50.0000		82.0	66 - 121			
Bromodichloromethane	42.4700	5.0	50.0000		84.9	73 - 120			
Bromoform	49.2000	5.0	50.0000		98.4	68 - 124			
Bromomethane	40.8100	5.0	50.0000		81.6	26 - 163			
Carbon disulfide	34.4800	5.0	50.0000		69.0	43 - 142			
Carbon tetrachloride	45.1600	5.0	50.0000		90.3	67 - 130			
Chlorobenzene	45.4600	5.0	50.0000		90.9	82 - 114			
Chloroethane	39.2000	5.0	50.0000		78.4	40 - 151			
Chloroform	41.2700	5.0	50.0000		82.5	68 - 124			
Chloromethane	33.6400	5.0	50.0000		67.3	18 - 144			
cis-1,2-Dichloroethene	38.1400	5.0	50.0000		76.3	66 - 125			
cis-1,3-Dichloropropene	42.2100	5.0	50.0000		84.4	77 - 120			
Di-isopropyl ether	36.3900	5.0	50.0000		72.8	56 - 132			
Dibromochloromethane	46.3900	5.0	50.0000		92.8	76 - 118			
Dibromomethane	43.9800	5.0	50.0000		88.0	69 - 122			
Dichlorodifluoromethane	39.7100	5.0	50.0000		79.4	0 - 155			
Ethyl Acetate	454.450	50	500.000		90.9	31 - 137			
Ethyl Ether	383.420	50	500.000		76.7	47 - 150			
Ethyl tert-butyl ether	40.1100	5.0	50.0000		80.2	63 - 134			
Ethylbenzene	89.8800	5.0	100.000		89.9	79 - 115			
Freon-113	37.2200	5.0	50.0000		74.4	62 - 134			
Hexachlorobutadiene	47.2000	5.0	50.0000		94.4	71 - 121			
Isopropylbenzene	43.7400	5.0	50.0000		87.5	78 - 126			

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Volatile Organic Compounds by EPA 5035/EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0092 - MSVOA_S (continued)									
LCS (B5L0092-BS1) - Continued					Prepared: 12/4/2015 Analyzed: 12/4/2015				
m,p-Xylene	92.0000	10	100.000		92.0	80 - 119			
Methylene chloride	39.8500	5.0	50.0000		79.7	56 - 129			
MTBE	37.8100	5.0	50.0000		75.6	61 - 124			
n-Butylbenzene	45.8600	5.0	50.0000		91.7	78 - 127			
n-Propylbenzene	44.9300	5.0	50.0000		89.9	77 - 128			
Naphthalene	50.5900	5.0	50.0000		101	61 - 141			
o-Xylene	89.9100	5.0	100.000		89.9	81 - 116			
sec-Butylbenzene	45.7800	5.0	50.0000		91.6	81 - 125			
Styrene	46.8800	5.0	50.0000		93.8	82 - 120			
tert-Amyl methyl ether	37.9400	5.0	50.0000		75.9	52 - 149			
tert-Butanol	190.560	100	250.000		76.2	26 - 160			
tert-Butylbenzene	44.6900	5.0	50.0000		89.4	80 - 123			
Tetrachloroethene	45.0800	5.0	50.0000		90.2	75 - 123			
Toluene	85.6700	5.0	100.000		85.7	75 - 119			
trans-1,2-Dichloroethene	38.0300	5.0	50.0000		76.1	62 - 127			
trans-1,3-Dichloropropene	43.3500	5.0	50.0000		86.7	68 - 121			
Trichloroethene	44.2900	5.0	50.0000		88.6	73 - 119			
Trichlorofluoromethane	38.5400	5.0	50.0000		77.1	47 - 157			
Vinyl acetate	446.900	50	500.000		89.4	20 - 136			
Vinyl chloride	36.5200	5.0	50.0000		73.0	27 - 147			
Surrogate: 1,2-Dichloroethane-d4	*50.15*		*50.0000*		*100*	*20 - 189*			
Surrogate: 4-Bromofluorobenzene	*49.68*		*50.0000*		*99.4*	*20 - 173*			
Surrogate: Dibromofluoromethane	*46.96*		*50.0000*		*93.9*	*26 - 178*			
Surrogate: Toluene-d8	*46.78*		*50.0000*		*93.6*	*31 - 166*			
Matrix Spike (B5L0092-MS1)		**Source: 1504120-01**			Prepared: 12/4/2015 Analyzed: 12/4/2015				
1,1,1,2-Tetrachloroethane	43.7000	5.0	50.0000	ND	87.4	45 - 122			
1,1,1-Trichloroethane	41.1700	5.0	50.0000	ND	82.3	46 - 131			
1,1,2,2-Tetrachloroethane	35.4800	5.0	50.0000	ND	71.0	34 - 133			
1,1,2-Trichloroethane	39.6200	5.0	50.0000	ND	79.2	40 - 133			
1,1-Dichloroethane	38.0800	5.0	50.0000	ND	76.2	50 - 120			
1,1-Dichloroethene	31.7600	5.0	50.0000	ND	63.5	42 - 130			
1,1-Dichloropropene	42.8200	5.0	50.0000	ND	85.6	49 - 125			
1,2,3-Trichloropropane	41.5000	5.0	50.0000	ND	83.0	42 - 130			
1,2,3-Trichlorobenzene	39.4400	5.0	50.0000	ND	78.9	2 - 136			
1,2,4-Trichlorobenzene	39.3100	5.0	50.0000	ND	78.6	6 - 137			
1,2,4-Trimethylbenzene	40.8800	5.0	50.0000	ND	81.8	37 - 129			
1,2-Dibromo-3-chloropropane	43.9500	10	50.0000	ND	87.9	36 - 135			
1,2-Dibromoethane	39.3100	5.0	50.0000	ND	78.6	43 - 129			
1,2-Dichlorobenzene	41.4300	5.0	50.0000	ND	82.9	31 - 129			
1,2-Dichloroethane	41.0400	5.0	50.0000	ND	82.1	50 - 122			

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Volatile Organic Compounds by EPA 5035/EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0092 - MSVOA_S (continued)									
Matrix Spike (B5L0092-MS1) - Continued		**Source: 1504120-01**		Prepared: 12/4/2015 Analyzed: 12/4/2015					
1,2-Dichloropropane	40.1600	5.0	50.0000	ND	80.3	51 - 119			
1,3,5-Trimethylbenzene	41.6600	5.0	50.0000	ND	83.3	38 - 130			
1,3-Dichlorobenzene	42.0200	5.0	50.0000	ND	84.0	31 - 128			
1,3-Dichloropropane	42.5100	5.0	50.0000	ND	85.0	52 - 122			
1,4-Dichlorobenzene	42.4200	5.0	50.0000	ND	84.8	31 - 128			
2,2-Dichloropropane	41.0400	5.0	50.0000	ND	82.1	42 - 140			
2-Chlorotoluene	42.3500	5.0	50.0000	ND	84.7	38 - 129			
4-Chlorotoluene	43.3600	5.0	50.0000	ND	86.7	38 - 128			
4-Isopropyltoluene	40.4300	5.0	50.0000	ND	80.9	31 - 137			
Benzene	79.4200	5.0	100.000	ND	79.4	51 - 117			
Bromobenzene	43.4800	5.0	50.0000	ND	87.0	41 - 125			
Bromochloromethane	37.5200	5.0	50.0000	ND	75.0	47 - 123			
Bromodichloromethane	39.1500	5.0	50.0000	ND	78.3	50 - 122			
Bromoform	42.5100	5.0	50.0000	ND	85.0	39 - 131			
Bromomethane	35.9100	5.0	50.0000	ND	71.8	10 - 154			
Carbon disulfide	31.1200	5.0	50.0000	ND	62.2	24 - 138			
Carbon tetrachloride	43.6900	5.0	50.0000	ND	87.4	44 - 131			
Chlorobenzene	41.2300	5.0	50.0000	ND	82.5	46 - 123			
Chloroethane	36.9600	5.0	50.0000	ND	73.9	27 - 143			
Chloroform	39.5000	5.0	50.0000	ND	79.0	50 - 124			
Chloromethane	28.8500	5.0	50.0000	ND	57.7	8 - 139			
cis-1,2-Dichloroethene	37.5700	5.0	50.0000	ND	75.1	48 - 125			
cis-1,3-Dichloropropene	39.5100	5.0	50.0000	ND	79.0	51 - 123			
Di-isopropyl ether	34.6200	5.0	50.0000	ND	69.2	45 - 125			
Dibromochloromethane	42.1700	5.0	50.0000	ND	84.3	48 - 124			
Dibromomethane	38.6700	5.0	50.0000	ND	77.3	48 - 124			
Dichlorodifluoromethane	35.0800	5.0	50.0000	ND	70.2	0 - 150			
Ethyl Acetate	370.460	50	500.000	ND	74.1	0 - 140			
Ethyl Ether	333.870	50	500.000	ND	66.8	36 - 142			
Ethyl tert-butyl ether	37.4500	5.0	50.0000	ND	74.9	46 - 133			
Ethylbenzene	81.5700	5.0	100.000	ND	81.6	46 - 123			
Freon-113	34.5800	5.0	50.0000	ND	69.2	38 - 137			
Hexachlorobutadiene	34.3700	5.0	50.0000	ND	68.7	5 - 132			
Isopropylbenzene	42.5800	5.0	50.0000	ND	85.2	43 - 132			
m,p-Xylene	82.1500	10	100.000	ND	82.2	45 - 128			
Methylene chloride	34.9500	5.0	50.0000	ND	69.9	37 - 126			
MTBE	34.5800	5.0	50.0000	ND	69.2	46 - 125			
n-Butylbenzene	40.7800	5.0	50.0000	ND	81.6	24 - 138			
n-Propylbenzene	42.9800	5.0	50.0000	ND	86.0	40 - 133			
Naphthalene	45.1100	5.0	50.0000	ND	90.2	10 - 149			
o-Xylene	81.0400	5.0	100.000	ND	81.0	45 - 125			
sec-Butylbenzene	41.0800	5.0	50.0000	ND	82.2	33 - 136			

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Volatile Organic Compounds by EPA 5035/EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0092 - MSVOA_S (continued)									
Matrix Spike (B5L0092-MS1) - Continued		**Source: 1504120-01**		Prepared: 12/4/2015 Analyzed: 12/4/2015					
Styrene	41.2500	5.0	50.0000	ND	82.5	43 - 128			
tert-Amyl methyl ether	34.3500	5.0	50.0000	ND	68.7	35 - 147			
tert-Butanol	163.010	100	250.000	ND	65.2	0 - 208			
tert-Butylbenzene	41.0900	5.0	50.0000	ND	82.2	36 - 133			
Tetrachloroethene	43.7600	5.0	50.0000	ND	87.5	41 - 129			
Toluene	80.1500	5.0	100.000	ND	80.2	49 - 124			
trans-1,2-Dichloroethene	36.5800	5.0	50.0000	ND	73.2	44 - 126			
trans-1,3-Dichloropropene	41.0900	5.0	50.0000	ND	82.2	42 - 125			
Trichloroethene	48.8100	5.0	50.0000	ND	97.6	38 - 139			
Trichlorofluoromethane	38.5100	5.0	50.0000	ND	77.0	30 - 157			
Vinyl acetate	197.390	50	500.000	ND	39.5	0 - 132			
Vinyl chloride	30.9900	5.0	50.0000	ND	62.0	19 - 142			
Surrogate: 1,2-Dichloroethane-d4	*45.84*		*50.0000*		*91.7*	*20 - 189*			
Surrogate: 4-Bromofluorobenzene	*48.74*		*50.0000*		*97.5*	*20 - 173*			
Surrogate: Dibromofluoromethane	*48.18*		*50.0000*		*96.4*	*26 - 178*			
Surrogate: Toluene-d8	*47.97*		*50.0000*		*95.9*	*31 - 166*			
Matrix Spike Dup (B5L0092-MSD1)		**Source: 1504120-01**		Prepared: 12/4/2015 Analyzed: 12/4/2015					
1,1,1,2-Tetrachloroethane	41.3900	5.0	50.0000	ND	82.8	45 - 122	5.43	20	
1,1,1-Trichloroethane	40.6600	5.0	50.0000	ND	81.3	46 - 131	1.25	20	
1,1,2,2-Tetrachloroethane	23.1600	5.0	50.0000	ND	46.3	34 - 133	42.0	20	R
1,1,2-Trichloroethane	37.5300	5.0	50.0000	ND	75.1	40 - 133	5.42	20	
1,1-Dichloroethane	36.8000	5.0	50.0000	ND	73.6	50 - 120	3.42	20	
1,1-Dichloroethene	37.2100	5.0	50.0000	ND	74.4	42 - 130	15.8	20	
1,1-Dichloropropene	41.9300	5.0	50.0000	ND	83.9	49 - 125	2.10	20	
1,2,3-Trichloropropane	38.7900	5.0	50.0000	ND	77.6	42 - 130	6.75	20	
1,2,3-Trichlorobenzene	33.9300	5.0	50.0000	ND	67.9	2 - 136	15.0	20	
1,2,4-Trichlorobenzene	35.1400	5.0	50.0000	ND	70.3	6 - 137	11.2	20	
1,2,4-Trimethylbenzene	36.7300	5.0	50.0000	ND	73.5	37 - 129	10.7	20	
1,2-Dibromo-3-chloropropane	37.6800	10	50.0000	ND	75.4	36 - 135	15.4	20	
1,2-Dibromoethane	38.2800	5.0	50.0000	ND	76.6	43 - 129	2.65	20	
1,2-Dichlorobenzene	38.7600	5.0	50.0000	ND	77.5	31 - 129	6.66	20	
1,2-Dichloroethane	39.3800	5.0	50.0000	ND	78.8	50 - 122	4.13	20	
1,2-Dichloropropane	38.8200	5.0	50.0000	ND	77.6	51 - 119	3.39	20	
1,3,5-Trimethylbenzene	37.1200	5.0	50.0000	ND	74.2	38 - 130	11.5	20	
1,3-Dichlorobenzene	38.0400	5.0	50.0000	ND	76.1	31 - 128	9.94	20	
1,3-Dichloropropane	40.9800	5.0	50.0000	ND	82.0	52 - 122	3.67	20	
1,4-Dichlorobenzene	38.5300	5.0	50.0000	ND	77.1	31 - 128	9.61	20	
2,2-Dichloropropane	40.0200	5.0	50.0000	ND	80.0	42 - 140	2.52	20	
2-Chlorotoluene	39.7300	5.0	50.0000	ND	79.5	38 - 129	6.38	20	
4-Chlorotoluene	40.3800	5.0	50.0000	ND	80.8	38 - 128	7.12	20	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Volatile Organic Compounds by EPA 5035/EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0092 - MSVOA_S (continued)									
Matrix Spike Dup (B5L0092-MSD1) - Continued		**Source: 1504120-01**		Prepared: 12/4/2015 Analyzed: 12/4/2015					
4-Isopropyltoluene	35.8000	5.0	50.0000	ND	71.6	31 - 137	12.1	20	
Benzene	77.7100	5.0	100.000	ND	77.7	51 - 117	2.18	20	
Bromobenzene	40.7800	5.0	50.0000	ND	81.6	41 - 125	6.41	20	
Bromochloromethane	35.4900	5.0	50.0000	ND	71.0	47 - 123	5.56	20	
Bromodichloromethane	38.2700	5.0	50.0000	ND	76.5	50 - 122	2.27	20	
Bromoform	40.9900	5.0	50.0000	ND	82.0	39 - 131	3.64	20	
Bromomethane	37.5100	5.0	50.0000	ND	75.0	10 - 154	4.36	20	
Carbon disulfide	38.0500	5.0	50.0000	ND	76.1	24 - 138	20.0	20	R
Carbon tetrachloride	43.5500	5.0	50.0000	ND	87.1	44 - 131	0.321	20	
Chlorobenzene	39.7000	5.0	50.0000	ND	79.4	46 - 123	3.78	20	
Chloroethane	34.0600	5.0	50.0000	ND	68.1	27 - 143	8.17	20	
Chloroform	38.0900	5.0	50.0000	ND	76.2	50 - 124	3.63	20	
Chloromethane	30.8400	5.0	50.0000	ND	61.7	8 - 139	6.67	20	
cis-1,2-Dichloroethene	37.2200	5.0	50.0000	ND	74.4	48 - 125	0.936	20	
cis-1,3-Dichloropropene	37.6100	5.0	50.0000	ND	75.2	51 - 123	4.93	20	
Di-isopropyl ether	33.6600	5.0	50.0000	ND	67.3	45 - 125	2.81	20	
Dibromochloromethane	41.2200	5.0	50.0000	ND	82.4	48 - 124	2.28	20	
Dibromomethane	36.1500	5.0	50.0000	ND	72.3	48 - 124	6.74	20	
Dichlorodifluoromethane	36.6500	5.0	50.0000	ND	73.3	0 - 150	4.38	20	
Ethyl Acetate	344.280	50	500.000	ND	68.9	0 - 140	7.33	20	
Ethyl Ether	315.540	50	500.000	ND	63.1	36 - 142	5.65	20	
Ethyl tert-butyl ether	36.0300	5.0	50.0000	ND	72.1	46 - 133	3.87	20	
Ethylbenzene	79.0200	5.0	100.000	ND	79.0	46 - 123	3.18	20	
Freon-113	41.4600	5.0	50.0000	ND	82.9	38 - 137	18.1	20	
Hexachlorobutadiene	24.9800	5.0	50.0000	ND	50.0	5 - 132	31.6	20	R
Isopropylbenzene	39.7000	5.0	50.0000	ND	79.4	43 - 132	7.00	20	
m,p-Xylene	78.3200	10	100.000	ND	78.3	45 - 128	4.77	20	
Methylene chloride	34.7900	5.0	50.0000	ND	69.6	37 - 126	0.459	20	
MTBE	34.3700	5.0	50.0000	ND	68.7	46 - 125	0.609	20	
n-Butylbenzene	33.6600	5.0	50.0000	ND	67.3	24 - 138	19.1	20	
n-Propylbenzene	39.0500	5.0	50.0000	ND	78.1	40 - 133	9.58	20	
Naphthalene	41.0700	5.0	50.0000	ND	82.1	10 - 149	9.38	20	
o-Xylene	76.5700	5.0	100.000	ND	76.6	45 - 125	5.67	20	
sec-Butylbenzene	35.7900	5.0	50.0000	ND	71.6	33 - 136	13.8	20	
Styrene	39.7700	5.0	50.0000	ND	79.5	43 - 128	3.65	20	
tert-Amyl methyl ether	34.1400	5.0	50.0000	ND	68.3	35 - 147	0.613	20	
tert-Butanol	140.730	100	250.000	ND	56.3	0 - 208	14.7	20	
tert-Butylbenzene	37.0100	5.0	50.0000	ND	74.0	36 - 133	10.4	20	
Tetrachloroethene	41.6200	5.0	50.0000	ND	83.2	41 - 129	5.01	20	
Toluene	76.5500	5.0	100.000	ND	76.6	49 - 124	4.59	20	
trans-1,2-Dichloroethene	36.7400	5.0	50.0000	ND	73.5	44 - 126	0.436	20	
trans-1,3-Dichloropropene	39.5900	5.0	50.0000	ND	79.2	42 - 125	3.72	20	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Volatile Organic Compounds by EPA 5035/EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0092 - MSVOA_S (continued)									
Matrix Spike Dup (B5L0092-MSD1) - Continued		**Source: 1504120-01**		Prepared: 12/4/2015 Analyzed: 12/4/2015					
Trichloroethene	56.6500	5.0	50.0000	ND	113	38 - 139	14.9	20	
Trichlorofluoromethane	37.1900	5.0	50.0000	ND	74.4	30 - 157	3.49	20	
Vinyl acetate	50.5900	50	500.000	ND	10.1	0 - 132	118	20	R
Vinyl chloride	32.2200	5.0	50.0000	ND	64.4	19 - 142	3.89	20	
Surrogate: 1,2-Dichloroethane-d4	*47.35*		*50.0000*		*94.7*	*20 - 189*			
Surrogate: 4-Bromofluorobenzene	*47.54*		*50.0000*		*95.1*	*20 - 173*			
Surrogate: Dibromofluoromethane	*48.34*		*50.0000*		*96.7*	*26 - 178*			
Surrogate: Toluene-d8	*45.02*		*50.0000*		*90.0*	*31 - 166*			

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/09/2015

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 1 of 1

Instruction: Complete all shaded areas.

For Laboratory Use Only — ATLCOC Ver: 20130715

Method of Transport	Sample Conditions Upon Receipt					
	Condition	Y	N	Condition	Y	N
☑ Client ☐ ATL	1. CHILLED	☑	☐	5. # OF SAMPLES MATCH COC	☑	☐
☐ FedEx ☐ OnTrac	2. HEADSPACE (VOA)	☐	☐	6. PRESERVED	☑	☐
☐ GSO	3. CONTAINER INTACT	☑	☐	7. COOLER TEMP, deg C:	3.2	
☐ Other:	4. SEALED	☐	☐			

CUSTOMER

Company: Leighton Consulting Inc. | Address: 17781 Cowan | Tel: (949) 681-4282
City: Irvine | State: CA | Zip: 92614 | Fax:

SEND REPORT TO:
Attn: Meredith Church | Email: mchurch@leightongroup.com
Company: Leighton Consulting
Address: 17781 Cowan
City: Irvine | State: CA | Zip: 92614

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: | Email:
Company:
Address: SAME
City: | State: | Zip:

PROJECT SAMPLES

Project Name: 1033 olive
Project No.: 11202.001
Sampler: TR
Quote No:
PO #:
Special Instructions/Comments:

ITEM	Lab No.	Sample ID / Location	Date	Time	8260 / 624 (Volatiles) 5035	8015(GRO)	8015(DRO)	8270(Semi-volatiles)	8081(Organochlorine Pesticides)	8082(PCBs)	6010 / 7000(Title 22 Metals)	TO-15	TPH-cc (C8-C12, C13-C28, C29-C40)	(SOIL) SEDIMENT / SLUDGE	SOLIDS / WIPE / FILTER	WATER - DRINKING / GROUND	WATER - STORM / WASTE	AQUEOUS / LAYERED - OIL	TAT	Container #	Container Type	Container Material	Preservative	QA/QC / REMARKS
1	1504097-1	CH1-2.5	12/2/15	07:30	X						X		X						5	4				
2	-2	CH1-5.0		07:32	X								X							4				
3	-3	CH1-10.0		07:34	X								X							4				
4	-4	CH1-15.0		07:36	X								X							4				
5	-5	CH1-20.0		07:38	X								X							4				
6	-6	CH2-2.5		10:20	X						X		X							5				
7	-7	CH2-5.0		10:25	X								X							5				
8																								
9																								
10																								

QA/QC: ☐ Routine ☐ Caltrans ☐ Legal ☐ RWQCB ☐ Level IV

Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4 = 4C; 5=Zn ((Ac)2; 6=NaOH; 7=NA2S2O3
Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7 = Canister
Material: 1=Glass; 2=Plastic; 3=Metal

CUSTODY TERMS

1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM.
2. Samples Submitted AFTER 3:00 PM, are considered received the following Business day at 8:00 AM.
3. The following turnaround time conditions apply:
   - TAT = 0 : 300% Surcharge SAME BUSINESS DAY if received by 9:00 AM
   - TAT = 1 : 100% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)
   - TAT = 2 : 50% Surcharge 2ND BUSINESS DAY (COB 5:00 PM)
   - TAT = 3 : 30% Surcharge 3RD BUSINESS DAY (COB 5:00 PM)
   - TAT = 4 : 20% Surcharge 4TH BUSINESS DAY (COB 5:00 PM)
   - TAT = 5 : NO SURCHARGE 5th BUSINESS DAY (COB 5:00 PM)
4. Weekend, holiday, after-hours work - ask for quote.
5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab --- ask for quote.
6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.
7. Electronic records maintained for five (5) years from report date.
8. Hard copy reports will be disposed of after 45 calendar days from report date.
9. Storage and Report Fees:
   - Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; $2/sample/month if extended storage or hold is requested.
   - Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; $20/ sample/week if extended storage is requested.
   - Hard copy and regenerated reports/EDDs: $17.50 per hard copy report requested; $50.00 per regenerated/reformatted report; $35 per reprocessed EDD.
10. Rush TCLP/STLC samples: add 2 days to analysis TAT for extraction on procedure.
11. Unanalyzed samples will incur a disposal fee of $7 per sample.

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Tyler Ridge — Submitter Print Name | Signature

Relinquished by: (Signature and Printed Name) Tyler Ridge	Date: 12/2/15	Time: 13:15	Received by: (Signature and Printed Name) FEDEX	Date: 12/2/15	Time: 1313
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

December 16, 2015

Meredith Church
Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614
Tel: (949) 681-4208
Fax:(949) 757-7230

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1504097
Client Reference : 1033 Olive, 11202.001

Enclosed are the results for sample(s) received on December 02, 2015 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/16/2015

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CH1-2.5	1504097-01	Soil	12/02/15 7:30	12/02/15 13:13
CH2-2.5	1504097-06	Soil	12/02/15 10:20	12/02/15 13:13
CH2-5.0	1504097-07	Soil	12/02/15 10:25	12/02/15 13:13

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/16/2015

Client Sample ID CH1-2.5

Lab ID: 1504097-01

Gasoline Range Organics by EPA 8015B (Modified) **Analyst: BT**

Analyte		Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C4-C12		ND	1.0	1	B5L0257	12/02/2015	12/11/15 13:27	
Surrogate: 4-Bromofluorobenzene	*78.4 %*		*37 - 153*		B5L0257	12/02/2015	*12/11/15 13:27*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/16/2015

Client Sample ID CH2-2.5

Lab ID: 1504097-06

Gasoline Range Organics by EPA 8015B (Modified) **Analyst: BT**

Analyte		Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C4-C12		ND	1.0	1	B5L0257	12/02/2015	12/11/15 13:43	
Surrogate: 4-Bromofluorobenzene	*82.3 %*		*37 - 153*		B5L0257	12/02/2015	*12/11/15 13:43*	

Certificate of Analysis

Leighton Consulting, Inc.	Project Number : 1033 Olive, 11202.001
17781 Cowan Street	Report To : Meredith Church
Irvine , CA 92614	Reported : 12/16/2015

Client Sample ID CH2-5.0

Lab ID: 1504097-07

Gasoline Range Organics by EPA 8015B (Modified) **Analyst: BT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C4-C12	ND	1.0	1	B5L0257	12/02/2015	12/11/15 13:11	
Surrogate: 4-Bromofluorobenzene	*81.5 %*	*37 - 153*		B5L0257	12/02/2015	*12/11/15 13:11*	

QUALITY CONTROL SECTION

Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5L0257 - GCVOA_S									
Blank (B5L0257-BLK1)					Prepared: 12/11/2015 Analyzed: 12/11/2015				
C4-C12	ND	1.0			NR				
Surrogate: 4-Bromofluorobenzene	*0.1698*		*0.200000*		*84.9*	*37 - 153*			
LCS (B5L0257-BS1)					Prepared: 12/11/2015 Analyzed: 12/11/2015				
Gasoline Range Organics	5.16000	1.0	5.00000		103	70 - 130			
Surrogate: 4-Bromofluorobenzene	*0.1786*		*0.200000*		*89.3*	*37 - 153*			
Matrix Spike (B5L0257-MS1)		**Source: 1504097-07**			Prepared: 12/11/2015 Analyzed: 12/11/2015				
Gasoline Range Organics	5.31300	1.0	5.00000	ND	106	20 - 130			
Surrogate: 4-Bromofluorobenzene	*0.1803*		*0.200000*		*90.2*	*37 - 153*			
Matrix Spike Dup (B5L0257-MSD1)		**Source: 1504097-07**			Prepared: 12/11/2015 Analyzed: 12/11/2015				
Gasoline Range Organics	6.12800	1.0	5.00000	ND	123	20 - 130	14.2	20	
Surrogate: 4-Bromofluorobenzene	*0.1754*		*0.200000*		*87.7*	*37 - 153*			

Certificate of Analysis

Leighton Consulting, Inc.		Project Number :	1033 Olive, 11202.001
17781 Cowan Street		Report To :	Meredith Church
Irvine , CA 92614		Reported :	12/16/2015

Notes and Definitions

ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

Rachelle Arada

From: Meredith Church [mchurch@leightongroup.com]
Sent: Wednesday, December 09, 2015 6:16 PM
To: Rachelle Arada
Subject: RE: Results - 1033 Olive, 11202.001 (ATL# 1504097)

Hi Rachelle,
Please run CH1-2.5, CH2-2.5 and CH2-5.0 for GRO please, C4-C12, Thank you!

Meredith Church, PG
Senior Project Geologist

LEIGHTON
Solutions You Can Build On
17781 Cowan
Irvine, CA 92614
(949) 681-4208 (Direct)
(949) 293-2519 (Cell)
(949) 477-4040 (Office)
(949) 250-1114 (Fax)

Please consider the environment before printing this e-mail.

From: Rachelle Arada [mailto:Rachelle@atlglobal.com]
Sent: Wednesday, December 09, 2015 5:04 PM
To: Meredith Church
Subject: Results - 1033 Olive, 11202.001 (ATL# 1504097)

Hi Meredith,

Attached are the results for the above project.

Rachelle Arada
Project Manager

Advanced Technology Laboratories
www.atlglobal.com
Tel: (562) 989-4045 ext. 237
Fax: (562) 989-4040

Advanced Technology Laboratories is a full-service environmental lab providing organic and inorganic analyses of soil, water, wastewater, storm water and hazardous waste samples. ATL is accredited by the State of California, NELAP and State of Oregon (Air) and holds various SBE, DBE and MBE certificates and a USDA soil permit. ATL takes pride in providing our customers with quick turnaround time, excellent customer service and defensible data while offering very competitive rates. *Advanced Technology Labs - Your Partner for Quality Environmental Testing*

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JONES ENVIRONMENTAL, INC.

P.O. BOX 5387 | FULLERTON, CA 92838
(714) 449-9937 | FAX (714) 449-9685

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	12/2/2015
Client Address:	17781 Cowan	**JEL Ref. No.:**	ST-8939
	Irvine, CA 92614	**Client Ref. No.:**	11202-001
Attn:	Meredith Church	**Date Sampled:**	12/2/2015
		Date Received:	12/2/2015
Project Name:	11th + Olive	**Date Analyzed:**	12/2/2015
		Physical State:	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B - Volatile Organics by GC/MS + Oxygenates

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 6 hours of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager

JONES ENVIRONMENTAL, INC.

P.O. Box 5387 | FULLERTON, CA 92838
(714) 449-9937 | FAX (714) 449-9685

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	12/2/2015
Client Address:	17781 Cowan	**JEL Ref. No.:**	ST-8939
	Irvine, CA 92614	**Client Ref. No.:**	11202-001
Attn:	Meredith Church	**Date Sampled:**	12/2/2015
		Date Received:	12/2/2015
Project:	11th + Olive	**Date Analyzed:**	12/2/2015
		Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	**CH1-5'**	**CH1-15'**	**CH2-5'**	**CH2-5' dup**		
JEL ID:	**ST-8939-01**	**ST-8939-02**	**ST-8939-03**	**ST-8939-04**	**Practical Quantitation Limit**	**Units**
Analytes:						
Benzene	**0.019**	**0.012**	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	**CH1-5'**	**CH1-15'**	**CH2-5'**	**CH2-5' dup**		
JEL ID:	**ST-8939-01**	**ST-8939-02**	**ST-8939-03**	**ST-8939-04**	**Practical Quantitation Limit**	**Units**
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	**0.101**	**0.155**	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	**0.020**	**0.053**	**0.053**	0.008	µg/L
Toluene	**0.187**	**0.155**	**0.022**	**0.019**	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	0.008	µg/L
Xylenes	**0.103**	**1.68**	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	0.400	µg/L
TIC:						
n-pentane	ND	ND	ND	ND	0.008	µg/L
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	98%	101%	98%	99%	75 - 125	
Toluene-d_8	103%	102%	102%	102%	75 - 125	
4-Bromofluorobenzene	118%	123%	123%	116%	75 - 125	
	VOC3-120215-CHECKS	VOC3-120215-CHECKS	VOC3-120215-CHECKS	VOC3-120215-CHECKS		

ND= Not Detected

JONES ENVIRONMENTAL, INC.
P.O. Box 5387 | Fullerton, CA 92838
(714) 449-9937 | Fax (714) 449-9685

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	12/2/2015
Client Address:	17781 Cowan	**JEL Ref. No.:**	ST-8939
	Irvine, CA 92614	**Client Ref. No.:**	11202-001
Attn:	Meredith Church	**Date Sampled:**	12/2/2015
		Date Received:	12/2/2015
Project:	11th + Olive	**Date Analyzed:**	12/2/2015
		Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	METHOD BLANK	SAMPLING BLANK		
JEL ID:	**ST-8939-05**	**ST-8939-06**	**Practical Quantitation Limit**	**Units**
Analytes:				
Benzene	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	0.008	µg/L
Bromoform	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	0.008	µg/L
Chloroform	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	METHOD BLANK	SAMPLING BLANK		
JEL ID:	**ST-8939-05**	**ST-8939-06**	**Practical Quantitation Limit**	**Units**
Analytes:				
cis-1,3-Dichloropropene	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	0.008	µg/L
Freon 113	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	0.008	µg/L
Naphthalene	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	0.008	µg/L
Styrene	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	ND	0.008	µg/L
Toluene	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	0.008	µg/L
Xylenes	ND	ND	0.008	µg/L
MTBE	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	0.400	µg/L
TIC:				
n-pentane	ND	ND	0.008	µg/L
Dilution Factor	1	1		
Surrogate Recoveries:			**QC Limits**	
Dibromofluoromethane	91%	98%	75 - 125	
Toluene-d_8	102%	104%	75 - 125	
4-Bromofluorobenzene	117%	121%	75 - 125	
	VOC3-120215-CHECKS	VOC3-120215-CHECKS		

ND= Not Detected

JONES ENVIRONMENTAL, INC.

P.O. Box 5387 | FULLERTON, CA 92838
(714) 449-9937 | FAX (714) 449-9685

JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	12/2/2015
Client Address:	17781 Cowan	**JEL Ref. No.:**	ST-8939
	Irvine, CA 92614	**Client Ref. No.:**	11202-001
Attn:	Meredith Church	**Date Sampled:**	12/2/2015
		Date Received:	12/2/2015
Project:	11th + Olive	**Date Analyzed:**	12/2/2015
		Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked: Ambient Air **GC#:** VOC3-120215-CHECKS

JEL ID:	**ST-8939-08**	**ST-8939-09**			**ST-8939-07**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	96%	99%	2.7%	60-140	101%	70-130
1,1-Dichloroethylene	92%	98%	6.2%	60-140	110%	70-130
Cis-1,2-Dichloroethene	108%	110%	1.9%	70-130	108%	70-130
1,1,1-Trichloroethane	96%	101%	4.8%	70-130	97%	70-130
Benzene	112%	108%	3.6%	70-130	113%	70-130
Trichloroethylene	105%	104%	0.7%	70-130	117%	70-130
Toluene	105%	101%	4.7%	70-130	102%	70-130
Tetrachloroethene	136%	132%	2.5%	70-130	137%	70-130
Chlorobenzene	105%	99%	5.4%	70-130	98%	70-130
Ethylbenzene	110%	107%	3.1%	70-130	94%	70-130
1,2,4 Trimethylbenzene	107%	103%	3.6%	70-130	106%	70-130
Surrogate Recovery:						
Dibromofluoromethane	79%	78%		75-125	77%	75-125
Toluene-d_8	104%	101%		75-125	104%	75-125
4-Bromofluorobenzene	127%	111%		75-125	117%	75-125

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

ADVANCED TECHNOLOGY LABORATORIES

Jones Environmental

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 1 of 1

ST-8939

Instruction: Complete all shaded areas.

For Laboratory Use Only					ATLCOC Ver: 20130715
Method of Transport		Sample Conditions Upon Receipt			
		Condition	Y	N	Condition	Y	N
☐ Client ☐ ATL		1. CHILLED	☐	☐	5. # OF SAMPLES MATCH COC	☐	☐
☐ FedEx ☐ OnTrac		2. HEADSPACE (VOA)	☐	☐	6. PRESERVED	☐	☐
☐ GSO		3. CONTAINER INTACT	☐	☐	7. COOLER TEMP, deg C:		
☐ Other: _____		4. SEALED	☐	☐			

CUSTOMER

Company: Leighton & Associates (L&A)
Address: 17781 Cowan
City: Irvine State: CA Zip: 92614
Tel: 949-681-4208
Fax: 949-250-1114

SEND REPORT TO:
Attn: Meredith Church Email: mchurch@leightongroup.com
Company: L&A
Address: SAA
City: State: Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: Accounts Payable Email: acctpayable@leightongroup.com
Company: L&A
Address: SAA
City: State: Zip:

PROJECT SAMPLES

Project Name: 11th Olive
Project No.: 11202.001
Sampler: Meredith Church
Quote No:
PO #: 11202.001
Special Instructions/Comments: VOCs-8260 Residential RSL Detection Limits N-Pentane Tracer Gas

ITEM	Lab No.	Sample Description: Sample ID / Location	Date	Time	8260 / 624 (Volatiles)	8015(GRO)	8015(DRO)	8270(Semi-volatiles)	8081(Organochlorine Pesticides)	8082(PCBs)	6010 / 7000(Title 22 Metals)	TO-15	SOIL / SEDIMENT / SLUDGE	SOLIDS / WIPE/ FILTER	WATER - DRINKING / GROUND	WATER - STORM / WASTE	AQUEOUS / LAYERED - OIL	Soil Vapor	TAT	Container #	Container Type	Container Material	Preservative	QA/QC / REMARKS
1	ST-8939-01	CH1-5'	12/2/15	10:54	✓													✓	Normal TAT	1	6			
2	ST-8939-02	CH1-15'	↓	11:12	✓													✓		1	6			
3	ST-8939-03	CH2-5'		11:55	✓													✓		1	6			
4	ST-8939-04	CH2-5' dup		12:00	✓													✓		1	6			
5																								
6																								
7																								
8																								
9																								
10																								

Encircle or Write Requested Analysis
Encircle Sample Matrix
Container: # | Type: 1=Liter; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister | Material: 1=Glass; 2=Plastic; 3=Metal
Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4 = 4C; 5=Zn (Ac)2; 6=NaOH; 7=NA2S2O3
QA/QC: ☐ Routine ☐ Caltrans ☐ Legal ☐ RWQCB ☐ Level IV

TERMS

1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM.
2. Samples Submitted AFTER 3:00 PM, are considered received the following Business day at 8:00 AM.
3. The following turnaround time conditions apply:
   - TAT = 0 : 300% Surcharge SAME BUSINESS DAY if received by 9:00 AM
   - TAT = 1 : 100% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)
   - TAT = 2 : 50% Surcharge 2ND BUSINESS DAY (COB 5:00 PM)
   - TAT = 3 : 30% Surcharge 3RD BUSINESS DAY (COB 5:00 PM)
   - TAT = 4 : 20% Surcharge 4TH BUSINESS DAY (COB 5:00 PM)
   - TAT = 5 : NO SURCHARGE 5th BUSINESS DAY (COB 5:00 PM)
4. Weekend, holiday, after-hours work - ask for quote.
5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab --- ask for quote.
6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.
7. Electronic records maintained for fi ve (5) years from report date.
8. Hard copy reports will be disposed of after 45 calendar days from report date.
9. Storage and Report Fees:
   - Liquid & solid samples: Complimentary storage for forty-fi ve (45) calendar days from receipt of samples; $2/sample/month if extended storage or hold is requested.
   - Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; $20/ sample/week if extended storage is requested.
   - Hard copy and regenerated reports/EDDs: $17.50 per hard copy report requested; $50.00 per regenerated/reforma? ed report; $35 per reprocessed EDD.
10. Rush TCLP/STLC samples: add 2 days to analysis TAT for extraction on procedure.
11. Unanalyzed samples will incur a disposal fee of $7 per sample.

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Meredith Church — Submitter Print Name

Signature

CUSTODY

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
Meredith Church	12/2/15	12:55			
	12-2-2015	12:55			

APPENDIX I

GBA GEOENVIRONMENTAL REPORT

Leighton

Important Information about This

Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations.* Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report.* Advise your geoenvironmental professional immediately; follow the professional's advice.

Recognize the Impact of Time

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing.* Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental

professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change*, sometimes suddenly, due to any number of events, not the least of which include occurrences at adjacent sites. Recognize, too, that *even some conditions in tested areas may go undiscovered,* because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

Do Not Permit Any Other Party To Rely on the Report

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. *Unless the report specifically states otherwise, it was developed for you and only you.* Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else—a third-party—will want to use or rely on the report. *Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report.* Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.*

Avoid Misinterpretation of the Report

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

Give Contractors Access to the Report

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

Do Not Separate Documentation from the Report

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

Understand the Role of Standards

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care. Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

Realize That Recommendations May Not Be Final

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

Understand That Geotechnical Issues Have Not Been Addressed

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

Read Responsibility Provisions Closely

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for "exculpatory clauses," that is, provisions whose purpose is to transfer one party's rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not "boilerplate."* They are important.

Rely on Your Geoenvironmental Professional for Additional Assistance

Membership in the Geoprofessional Business Association exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your GBA-member geoenvironmental professional for more information.

GEOPROFESSIONAL BUSINESS ASSOCIATION

8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@geoprofessional.org www.geoprofessional.org

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A-3 Scoping Meeting Materials

CITY OF LOS ANGELES
PUBLIC SCOPING MEETING – 1045 OLIVE PROJECT

Name	Affiliated Organization (if applicable)	Address	City, Zip Code	Phone	E-mail
Joel McNeely		1050 S. Grand		818.606.9363	joelmcn94@gmail.com
Tony E. Olea III	Laborers Local 300	2005 W. Pico Blvd.	L.A. 90006	213-305-5153	tolea@local300.com
Ralph Velador	Southern California District Council of Laborers			626-705-6409	rvelador@LCOF.Net
Ben Levin		1050 S GRAND	LA 90015	310 804 5067	BenLevinaia@GMAIL.com
John & Enid Nilsson		1050 S Grand	LA	213-266-2441	jthanan@gmail.com
Joe Baxter		1050 S. Grand #210		424-355-9075	joe.baxter41@gmail.com

Environmental Impact Review Scoping Meeting

1045 Olive Project

ENV-2016-4630-EIR

January 10, 2018

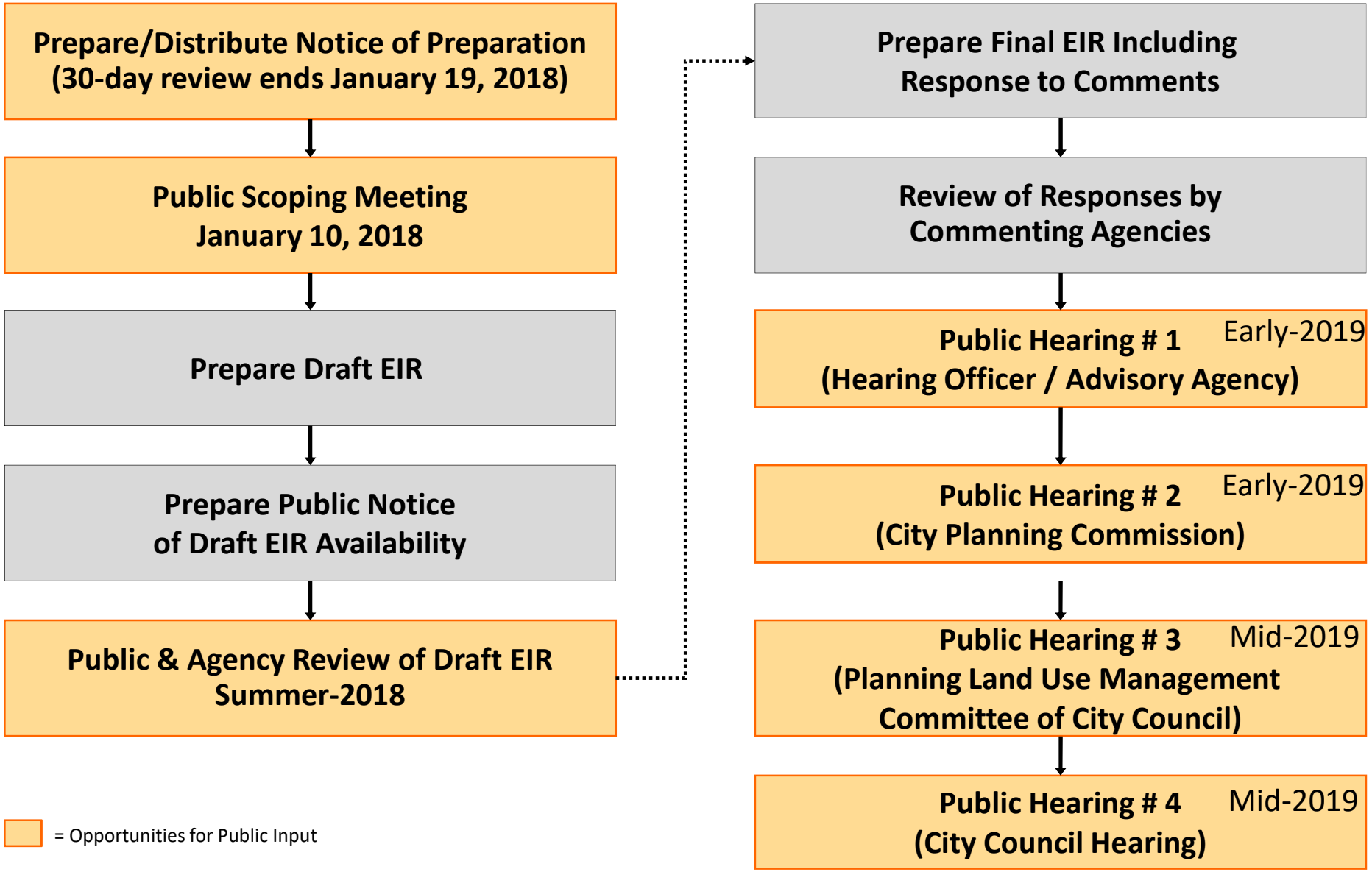
5:00 P.M. – 7:00 P.M.

SCOPING MEETING OBJECTIVES

- **Provide information about the 1045 Olive Project**
- **Provide information on Environmental Impact Report (EIR) process and timeline**
- **Identify environmental issues for analysis in the EIR**
- **Solicit community input on environmental issues or concerns to be addressed in the EIR**

The Scoping Meeting is for community input only. The City is at the beginning of the environmental review process and has not yet assessed project impacts.

THE EIR PROCESS



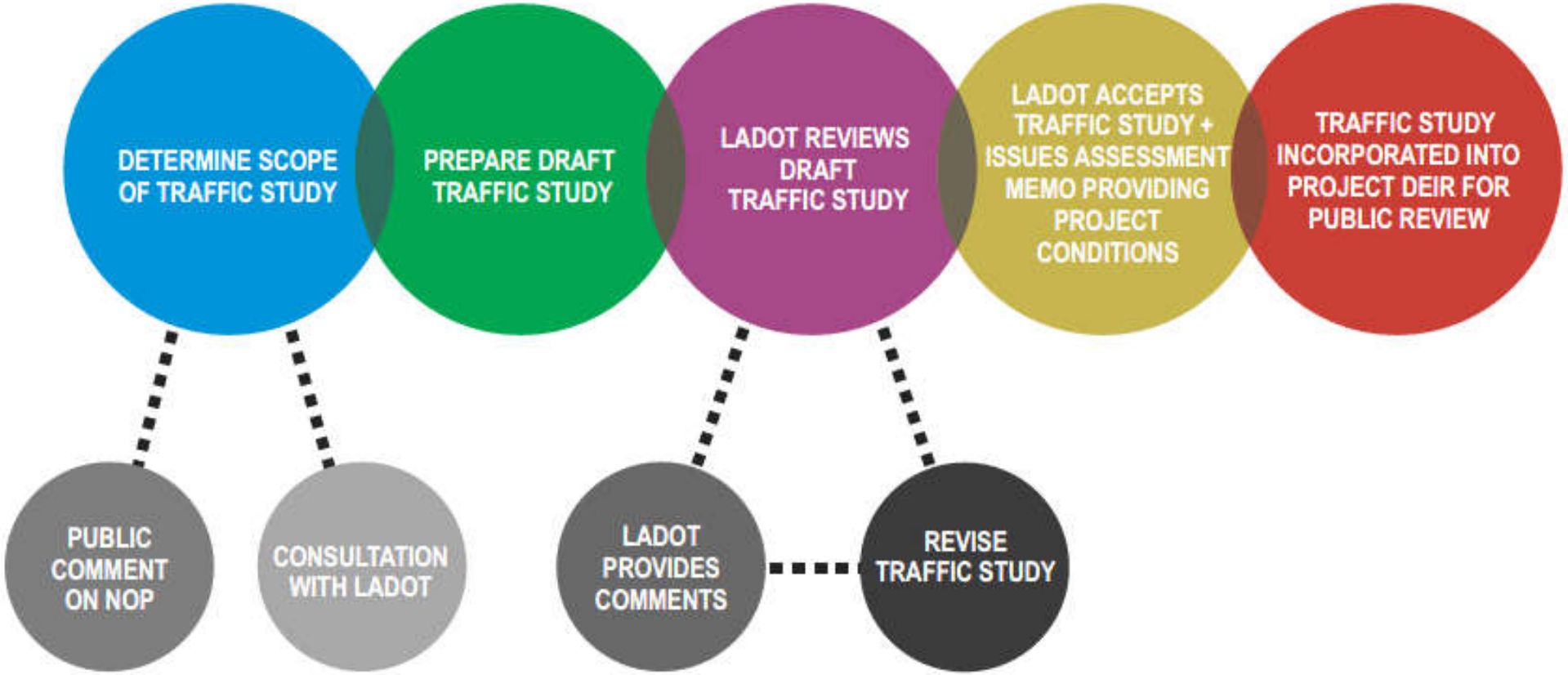
CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

- **Purpose: To inform decision-makers and the public of a project's potential environmental effects**
- **Increase public understanding of and participation in environmental review process**
- **Disclose potential impacts on the environment**
- **Identify ways to avoid or reduce potential impacts through mitigation measures or alternatives**

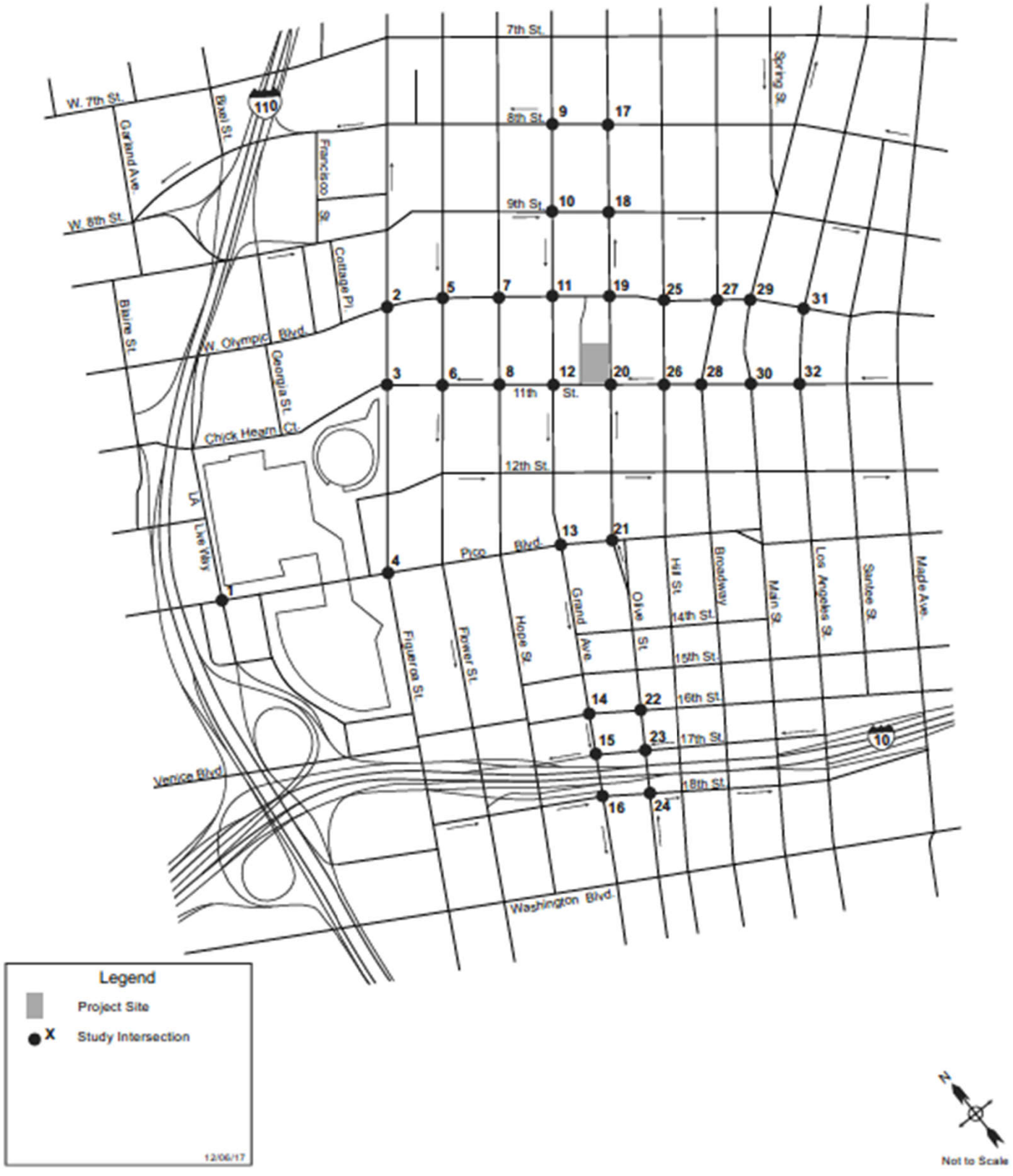
PRELIMINARY SCOPE OF EIR ANALYSIS

- Aesthetics
- Air Quality
- Cultural Resources
- Energy
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards/Hazardous Materials
- Hydrology & Water Quality
- Land Use & Planning
- Noise
- Population & Housing
- Public Services
- Recreation
- Transportation, Circulation & Parking
- Tribal Cultural Resources
- Utilities/Service Systems
- Project Alternatives

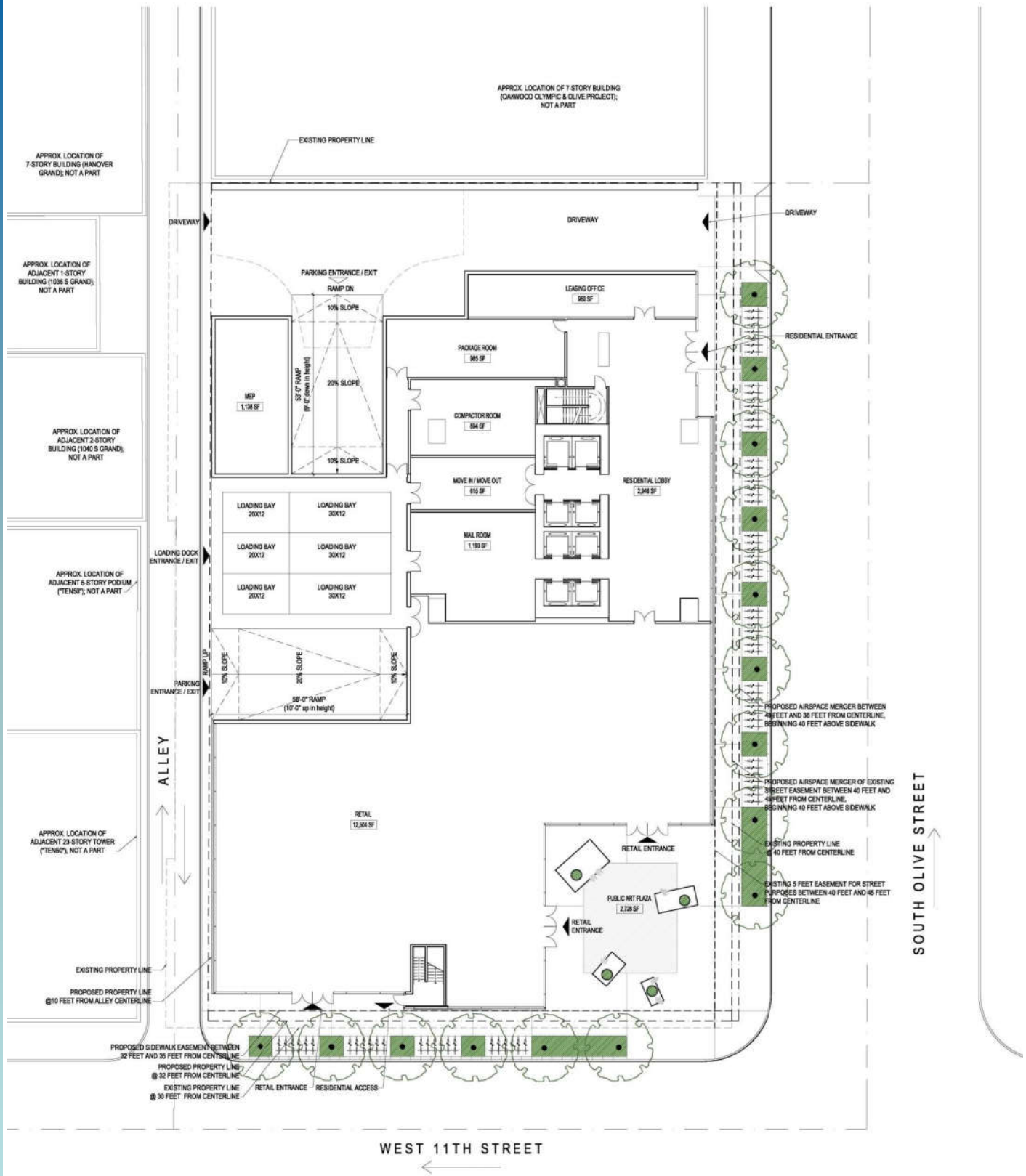
TRAFFIC STUDY REVIEW PROCESS



Proposed Traffic Intersection Analysis

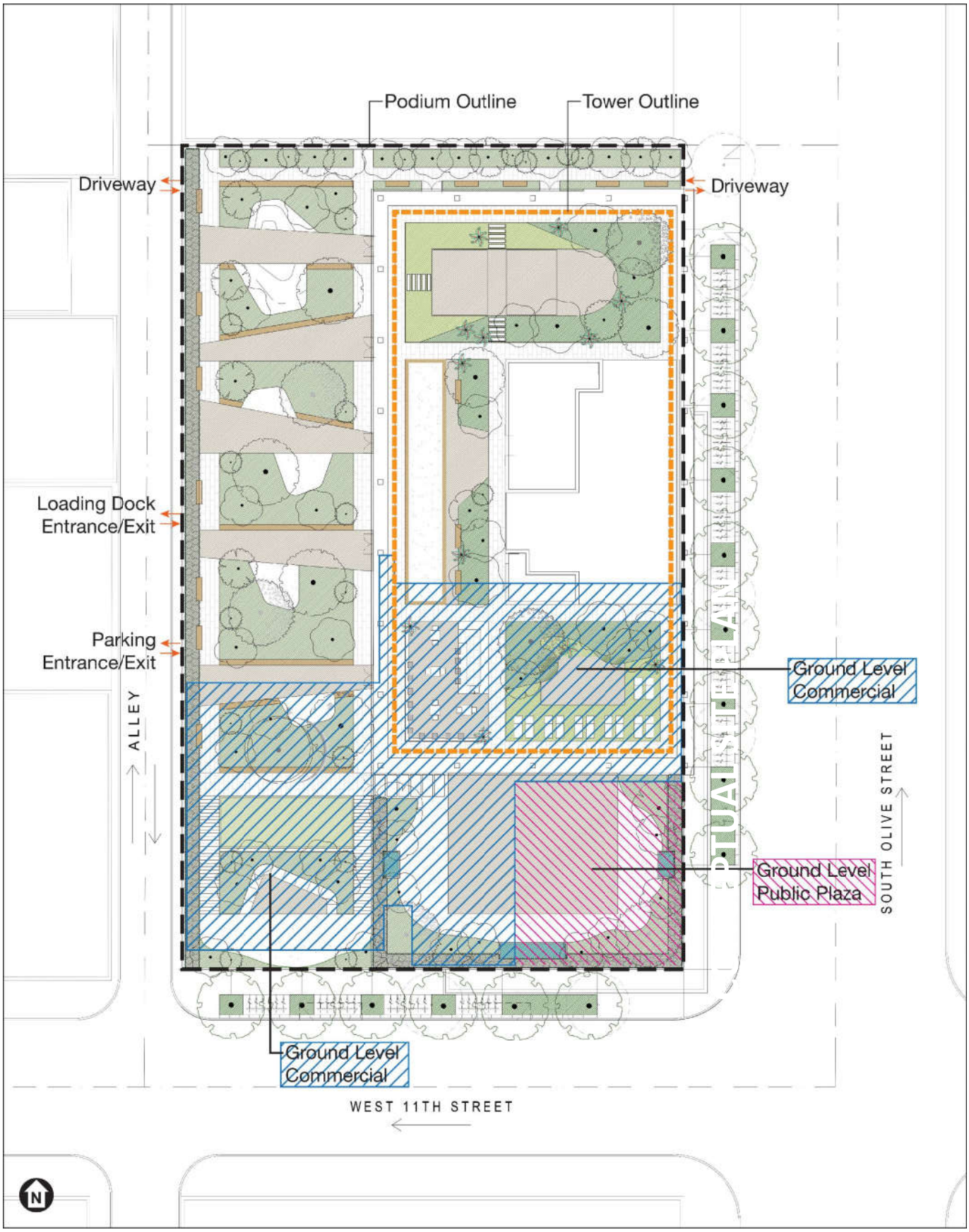


GROUND FLOOR SITE PLAN



AERIAL PHOTOGRAPH OF PROJECT SITE AND VICINITY

PROPOSED SITE PLAN



1045 OLIVE LOOKING NORTHWEST

1045 OLIVE LOOKING NORTH

1045 OLIVE LOOKING NORTHWEST

KEY DISCRETIONARY ACTIONS

- **Vesting Tentative Tract Map** for the merger and resubdivision of the project site to create one ground lot, 17 airspace lots, 794 residential condominiums and 12,504 SF of commercial. Also, approval of a haul route and a reduction of the parking standard imposed by the Advisory Agency Parking Policy of 2.25 spaces per unit.
- **Transfer of Floor Area** for a Transit Area Mixed-Use Project to transfer approximately 404,803 SF of floor area from the Los Angeles Convention Center.
- **Master Conditional Use Permit** for the sale and dispensing of a full-line of alcoholic beverages for on-site consumption within up to ten establishments.
- **Zoning Administrator's Interpretation** to clarify that the covered exterior open space provided within the Project's open space building cutout features are not considered Floor Area and meet the definition of "Common Open Space". That these spaces qualify as "Recreation Rooms" under the L.A.M.C. to allow the areas to be counted, to the available extent, as interior Common Open Space. Also, an Interpretation that all portions of the Project's wrap-around balconies do not meet the definition of "Floor Area" per LAMC Section 12.03.
- **Site Plan Review** for a project that results in an increase of 50 of more dwelling units.

ENVIRONMENTAL LEADERSHIP DEVELOPMENT PROJECT

- Project must meet requirements of the Jobs and Economic Improvement Through Environmental Leadership Act
- No net increase in GHG emissions through implementation of on-site and off-site measures
- Qualify for LEED Gold Certification upon completion
- Extensive landscaping and canopy trees to provide shading and capture carbon dioxide
- Minimum investment of $100 million in California and satisfy prevailing and living wage requirements
- Projects receive expedited judicial review

SUBMITTAL OF PUBLIC COMMENTS

- **Public Comments on EIR Scope**
  - Submit written comments using pre-addressed form provided.
    - Leave in box or turn in to City staff
    - Add postage and mail to City Hall
  - Email comments: sarah.molina-pearson@lacity.org
  - Comments accepted through January 19, 2018

CONTACT INFORMATION

Please direct EIR comments to:

Sarah Molina Pearson

City of Los Angeles, Department of City Planning

200 N. Spring Street, Room 750

Los Angeles, CA 90012

Email: sarah.molina-pearson@lacity.org

*Reference **Case No.:** ENV-2016-4630-EIR*

We need your input!

Please take a few minutes to provide your comments and return the completed form to the Department of City Planning. Comments must be provided in writing and can be submitted either at the scoping meeting, by email to sarah.molina-pearson@lacity.org

The purpose of the scoping process is to identify public and agency concerns, define the issues that will be examined in the Environmental Impact Report (EIR), and help to identify project impacts, alternatives, and mitigation measures that can lessen the significant environmental impacts from both temporary construction activities and long-term operation of the proposed Project.

The deadline for submitting comments is Thursday January 19, 2018. All written comments submitted will be considered during preparation of the Draft EIR, which will be available for public review at a later date. The Initial Study is available for review at the Department of City Planning, 200 N. Spring St., Rm 750, LA, CA 90012 and online at: online at http://planning.lacity.org by clicking on the "Environmental" tab, then "Notice of Preparation & Public Scoping Meetings."

Tape Here

Attn: Sarah Molina Pearson
RE: ENV- ENV-2016-4630-EIR
Department of City Planning
City of Los Angeles
200 N Spring St, Rm 750
Los Angeles, CA 90012

Public Scoping Meeting

Project Name: 1045 Olive Project

Case No.: ENV-2016-4630-EIR

Project Location: 1045 Olive Street

Community Planning Area: Central City Community Plan

Council District: CD 14, Jose Huizar

Due Date for Public Comments: January 19, 2018

ENVIRONMENTAL ISSUES & IMPACTS

What key issues or potential impacts of concern should be analyzed in the Environmental Impact Report?

- ❑ Aesthetics
- ❑ Agriculture and Forest Resources
- ❑ Air Quality
- ❑ Biological Resources
- ❑ Cultural Resources
- ❑ Geology and Soils
- ❑ Greenhouse Gas Emissions
- ❑ Energy
- ❑ Hazards and Hazardous Materials
- ❑ Hydrology/Water Quality
- ❑ Land Use and Planning
- ❑ Mineral Resources
- ❑ Noise
- ❑ Population and Housing
- ❑ Public Services
- ❑ Recreation
- ❑ Traffic/Transportation
- ❑ Tribal Cultural Resources
- ❑ Utilities/Service Systems

Note: Any identifying information provided will become part of the public record and, as such, must be released to any individual upon request.

Written Comment Form

Use the space below to comment on areas of concern regarding the scope and content of the Draft EIR, and offer potential alternatives and/or measures to avoid or reduce environmental impacts.

CONTACT INFORMATION (Optional, please print clearly)

Name: _____ Representing Agency or Organization: _____

Address: _____ City/State/Zip: _____

A-4 NOP Comments Received

CITY OF LOS ANGELES
PUBLIC SCOPING MEETING – 1045 OLIVE PROJECT

Name	Affiliated Organization (if applicable)	Address	City, Zip Code	Phone	E-mail
Joel McNeely		1050 S. Grand		818.606.9363	joelmcn94@gmail.com
Tony E. Olea III	Laborers Local 300	2005 W. Pico Blvd.	LA. 90006	213-305-5153	tolea@local300.com
Ralph Velador	Southern California District Council of Laborers			626-705-6409	rvelador@LCOF.Net
Ben Levin		1050 S Grand	LA 90015	310 804 5067	Ben Levin aia@GMAIL.com
John & Enid Nilsson		1050 S Grand	LA	213-266-2444	jthanan@gmail.com
Joe Baxter		1050 S. Grand #2102		424-355-9075	joe.baxter41@gmail.com

STATE OF CALIFORNIA
Governor's Office of Planning and Research
State Clearinghouse and Planning Unit

Edmund G. Brown Jr.
Governor

Ken Alex
Director

Memorandum

RECEIVED
CITY OF LOS ANGELES
JAN 30 2018
MAJOR PROJECTS
UNIT

Date: January 19, 2018

To: All Reviewing Agencies

From: Scott Morgan, Director

Re: SCH # **2017121059**
1045 Olive Street Project

The State Clearinghouse distributed the above-referenced **Notice of Preparation** on **December 21, 2017** to your agency for review and comment. It has come to our attention that the document was issued a new State Clearinghouse Number in error. For all future correspondence regarding this project, please use the original State Clearinghouse Number **SCH# 2017121047**. We apologize for any inconvenience this may have caused. All other project information remains the same.

cc: Sarah Molina Pearson
City of Los Angeles
200 N. Spring Street, Room 750
Los Angeles, CA 90012

STATE OF CALIFORNIA
Governor's Office of Planning and Research
State Clearinghouse and Planning Unit

Edmund G. Brown Jr.
Governor

Ken Alex
Director

Notice of Preparation

January 18, 2018

To: Reviewing Agencies

Re: 1045 Olive Street Project
SCH# 2017121047

Attached for your review and comment is the Notice of Preparation (NOP) for the 1045 Olive Street Project draft Environmental Impact Report (EIR).

Responsible agencies must transmit their comments on the scope and content of the NOP, focusing on specific information related to their own statutory responsibility, within 30 days of receipt of the NOP from the Lead Agency. This is a courtesy notice provided by the State Clearinghouse with a reminder for you to comment in a timely manner. We encourage other agencies to also respond to this notice and express their concerns early in the environmental review process.

Please direct your comments to:

Sarah Molina-Pearson
City of Los Angeles
200 N. Spring Street, Room 750
Los Angeles, CA 90012

with a copy to the State Clearinghouse in the Office of Planning and Research. Please refer to the SCH number noted above in all correspondence concerning this project.

If you have any questions about the environmental document review process, please call the State Clearinghouse at (916) 445-0613.

Sincerely,

Scott Morgan
Director, State Clearinghouse

Attachments
cc: Lead Agency

NOP Distribution List

County: Los Angeles

SCH# 2017121047

Resources Agency

- [x] **Resources Agency**
  Nadell Gayou
- [ ] **Dept. of Boating & Waterways**
  Denise Peterson
- [ ] **California Coastal Commission**
  Allyson Hitt
- [ ] **Colorado River Board**
  Lisa Johansen
- [ ] **Dept. of Conservation**
  Crina Chan
- [ ] **Cal Fire**
  Dan Foster
- [ ] **Central Valley Flood Protection Board**
  James Herota
- [ ] **Office of Historic Preservation**
  Ron Parsons
- [x] **Dept of Parks & Recreation**
  Environmental Stewardship Section
- [ ] **S.F. Bay Conservation & Dev't. Comm.**
  Steve Goldbeck
- [x] **Dept. of Water Resources**
  Resources Agency
  Nadell Gayou

Fish and Game

- [ ] **Depart. of Fish & Wildlife**
  Scott Flint
  Environmental Services Division
- [ ] **Fish & Wildlife Region 1**
  Curt Babcock
- [ ] **Fish & Wildlife Region 1E**
  Laurie Harnsberger
- [ ] **Fish & Wildlife Region 2**
  Jeff Drongesen
- [ ] **Fish & Wildlife Region 3**
  Craig Weightman
- [ ] **Fish & Wildlife Region 4**
  Julie Vance
- [x] **Fish & Wildlife Region 5**
  Leslie Newton-Reed
  Habitat Conservation Program
- [ ] **Fish & Wildlife Region 6**
  Tiffany Ellis
  Habitat Conservation Program
- [ ] **Fish & Wildlife Region 6 I/M**
  Heidi Calvert
  Inyo/Mono, Habitat Conservation Program
- [ ] **Dept. of Fish & Wildlife M**
  William Paznokas
  Marine Region

Other Departments

- [ ] **California Department of Education**
  Lesley Taylor
- [ ] **OES (Office of Emergency Services)**
  Monique Wilber
- [ ] **Food & Agriculture**
  Sandra Schubert
  Dept. of Food and Agriculture
- [ ] **Dept. of General Services**
  Cathy Buck
  Environmental Services Section
- [x] **Housing & Comm. Dev.**
  CEQA Coordinator
  Housing Policy Division

Independent Commissions,Boards

- [ ] **Delta Protection Commission**
  Erik Vink
- [ ] **Delta Stewardship Council**
  Anthony Navasero
- [ ] **California Energy Commission**
  Eric Knight
- [x] **Native American Heritage Comm.**
  Debbie Treadway
- [x] **Public Utilities Commission**
  Supervisor
- [x] **Santa Monica Bay Restoration**
  Guangyu Wang
- [ ] **State Lands Commission**
  Jennifer Deleong
- [ ] **Tahoe Regional Planning Agency (TRPA)**
  Cherry Jacques

Cal State Transportation Agency CalSTA

- [ ] **Caltrans - Division of Aeronautics**
  Philip Crimmins
- [ ] **Caltrans – Planning HQ LD-IGR**
  Christian Bushong
- [x] **California Highway Patrol**
  Suzann Ikeuchi
  Office of Special Projects

Dept. of Transportation

- [ ] **Caltrans, District 1**
  Rex Jackman
- [ ] **Caltrans, District 2**
  Marcelino Gonzalez
- [ ] **Caltrans, District 3**
  Eric Federicks – South
  Susan Zanchi - North
- [ ] **Caltrans, District 4**
  Patricia Maurice
- [ ] **Caltrans, District 5**
  Larry Newland
- [ ] **Caltrans, District 6**
  Michael Navarro
- [x] **Caltrans, District 7**
  Dianna Watson
- [ ] **Caltrans, District 8**
  Mark Roberts
- [ ] **Caltrans, District 9**
  Gayle Rosander
- [ ] **Caltrans, District 10**
  Tom Dumas
- [ ] **Caltrans, District 11**
  Jacob Armstrong
- [ ] **Caltrans, District 12**
  Maureen El Harake

Cal EPA

Air Resources Board

- [ ] **Airport & Freight**
  Jack Wursten
  - [ ] **Transportation Projects**
    Nesamani Kalandiyur
  - [ ] **Industrial/Energy Projects**
    Mike Tollstrup
- [ ] **California Department of Resources, Recycling & Recovery**
  Sue O'Leary
- [ ] **State Water Resources Control Board**
  Regional Programs Unit
  Division of Financial Assistance
- [x] **State Water Resources Control Board**
  Cindy Forbes – Asst Deputy
  Division of Drinking Water
- [ ] **State Water Resources Control Board**
  Div. Drinking Water #_____
- [ ] **State Water Resources Control Board**
  Student Intern, 401 Water Quality Certification Unit
  Division of Water Quality
- [ ] **State Water Resouces Control Board**
  Phil Crader
  Division of Water Rights
- [ ] **Dept. of Toxic Substances Control Reg. #_____**
  CEQA Tracking Center
- [ ] **Department of Pesticide Regulation**
  CEQA Coordinator

Regional Water Quality Control Board (RWQCB)

- [ ] **RWQCB 1**
  Cathleen Hudson
  North Coast Region (1)
- [ ] **RWQCB 2**
  Environmental Document Coordinator
  San Francisco Bay Region (2)
- [ ] **RWQCB 3**
  Central Coast Region (3)
- [x] **RWQCB 4**
  Teresa Rodgers
  Los Angeles Region (4)
- [ ] **RWQCB 5S**
  Central Valley Region (5)
  - [ ] **RWQCB 5F**
    Central Valley Region (5)
    Fresno Branch Office
  - [ ] **RWQCB 5R**
    Central Valley Region (5)
    Redding Branch Office
- [ ] **RWQCB 6**
  Lahontan Region (6)
  - [ ] **RWQCB 6V**
    Lahontan Region (6)
    Victorville Branch Office
- [ ] **RWQCB 7**
  Colorado River Basin Region (7)
- [ ] **RWQCB 8**
  Santa Ana Region (8)
- [ ] **RWQCB 9**
  San Diego Region (9)

- [ ] **Other** _____

_____

_____

- [x] Baldwin Hills Conservancy

Last Updated 12/01 /17

Connect Create Collaborate

Sarah Molina-Pearson <sarah.molina-pearson@lacity.org>

SCH# 2017121059 1045 Olive

1 message

NAHC <NAHC@water.ca.gov> Wed, Jan 3, 2018 at 2:33 PM
Reply-To: NAHC@water.ca.gov
To: sarah.molina-pearson@lacity.org

Reply to: NAHC <NAHC@water.ca.gov>
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STATE OF CALIFORNIA
NATIVE AMERICAN HERITAGE COMMISSION
Environmental and Cultural Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone (916) 373-3710

Edmund G. Brown Jr., Governor

January 3, 2018

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MAJOR PROJECTS
UNIT

Sarah Molina-Pearson
City of Los Angeles
200 N. Spring Street, Room 750
Los Angeles, CA 90012

Sent via e-mail: sarah.molina-pearson@lacity.org

RE: SCH# 2017121059; 1045 Olive Project, City of Los Angeles; Los Angeles County, California

Dear Ms. Molina-Pearson:

The Native American Heritage Commission has received the Notice of Preparation (NOP) for Draft Environmental Impact Report for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code § 21000 et seq.), specifically Public Resources Code section 21084.1, states that a project that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, § 15064.5 (b) (CEQA Guidelines Section 15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an environmental impact report (EIR) shall be prepared. (Pub. Resources Code § 21080 (d); Cal. Code Regs., tit. 14, § 15064 subd. (a)(1) (CEQA Guidelines § 15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources with the area of project effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a **separate category of cultural resources**, "tribal cultural resources" (Pub. Resources Code § 21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment (Pub. Resources Code § 21084.2). Please reference California Natural Resources Agency (2016) "Final Text for tribal cultural resources update to Appendix G: Environmental Checklist Form," http://resources.ca.gov/ceqa/docs/ab52/Clean-final-AB-52-App-G-text-Submitted.pdf. Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code § 21084.3 (a)). **AB 52 applies to any project for which a notice of preparation or a notice of negative declaration or mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements**. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. § 800 et seq.) may also apply.

The NAHC recommends **lead agencies consult with all California Native American tribes** that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments. **Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws**.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a **lead agency** shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:
    a. A brief description of the project.
    b. The lead agency contact information.
    c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code § 21080.3.1 (d)).
    d. A "California Native American tribe" is defined 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 Statutes of 2004 (SB 18). (Pub. Resources Code § 21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A **lead agency** shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code § 21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or environmental impact report. (Pub. Resources Code § 21080.3.1(b)).
    a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code § 65352.4 (SB 18). (Pub. Resources Code § 21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:
    a. Alternatives to the project.
    b. Recommended mitigation measures.
    c. Significant effects. (Pub. Resources Code § 21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:
    a. Type of environmental review necessary.
    b. Significance of the tribal cultural resources.
    c. Significance of the project's impacts on tribal cultural resources.
    d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code § 21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code sections 6254 (r) and 6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code § 21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:
    a. Whether the proposed project has a significant impact on an identified tribal cultural resource.
    b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code section 21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code § 21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:
    a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or
    b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code § 21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code section 21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code section 21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code § 21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code section 21084.3 (b). (Pub. Resources Code § 21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:
    a. Avoidance and preservation of the resources in place, including, but not limited to:
        i. Planning and construction to avoid the resources and protect the cultural and natural context.
        ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
    b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:
        i. Protecting the cultural character and integrity of the resource.
        ii. Protecting the traditional use of the resource.
        iii. Protecting the confidentiality of the resource.
    c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.
    d. Protecting the resource. (Pub. Resource Code § 21084.3 (b)).
    e. Please note that a federally recognized California Native American tribe or a nonfederally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code § 815.3 (c)).
    f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code § 5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An environmental impact report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:
    a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code sections 21080.3.1 and 21080.3.2 and concluded pursuant to Public Resources Code section 21080.3.2.
    b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.
    c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code section 21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code § 21082.3 (d)).

    This process should be documented in the Cultural Resources section of your environmental document.

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires **local governments** to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code § 65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code § 65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code section 65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code sections 5097.9 and 5097.993 that are within the city's or county's jurisdiction. (Gov. Code § 65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have been already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.

b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
   a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
   b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
   a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, section 15064.5(f) (CEQA Guidelines section 15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
   b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
   c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code section 7050.5, Public Resources Code section 5097.98, and Cal. Code Regs., tit. 14, section 15064.5, subdivisions (d) and (e) (CEQA Guidelines section 15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

Please contact me if you need any additional information at gayle.totton@nahc.ca.gov.

Sincerely,

Gayle Totton, M.A., PhD.
Associate Governmental Program Analyst
(916) 373-3714

cc: State Clearinghouse

Connect Create Collaborate

Sarah Molina-Pearson <sarah.molina-pearson@lacity.org>

SCAG Comments on NOP of a DEIR for the 1045 Olive Project [SCAG NO. IGR9499]

1 message

Anita Au <au@scag.ca.gov> Fri, Jan 19, 2018 at 8:20 AM
To: "sarah.molina-pearson@lacity.org" <sarah.molina-pearson@lacity.org>
Cc: Ping Chang <CHANG@scag.ca.gov>

Good morning Sarah,

Please find attached SCAG Comments on NOP of a DEIR for the 1045 Olive Project [SCAG NO. IGR9499].

Please contact me at au@scag.ca.gov or (213) 236-1874 if you have any questions or difficulties with the attached file.

Thank you,

Anita Au

Associate Regional Planner

Tel: (213) 236-1874

au@scag.ca.gov

SCAG
INNOVATING FOR A BETTER TOMORROW

SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS

900 Wilshire Blvd., Ste. 1700, Los Angeles, CA 90017

IGR9499 NOP 1045 Olive Project.pdf
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SCAG
INNOVATING FOR A BETTER TOMORROW

SOUTHERN CALIFORNIA
ASSOCIATION OF GOVERNMENTS
900 Wilshire Blvd., Ste. 1700
Los Angeles, CA 90017
T: (213) 236-1800
www.scag.ca.gov

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January 19, 2018

Ms. Sarah Molina Pearson
City of Los Angeles, Department of City Planning
200 North Spring Street Room 750
Los Angeles, California 90012
E-mail: sarah.molina-pearson@lacity.org

RE: SCAG Comments on the Notice of Preparation of a Draft Environmental Impact Report for the 1045 Olive Project [SCAG NO. IGR9499]

Dear Ms. Molina Pearson,

Thank you for submitting the Notice of Preparation of a Draft Environmental Impact Report for the 1045 Olive Project ("proposed project") to the Southern California Association of Governments (SCAG) for review and comment. SCAG is the authorized regional agency for Inter-Governmental Review (IGR) of programs proposed for Federal financial assistance and direct Federal development activities, pursuant to Presidential Executive Order 12372. Additionally, SCAG reviews the Environmental Impact Reports of projects of regional significance for consistency with regional plans pursuant to the California Environmental Quality Act (CEQA) and CEQA Guidelines.

SCAG is also the designated Regional Transportation Planning Agency under state law, and is responsible for preparation of the Regional Transportation Plan (RTP) including the Sustainable Communities Strategy (SCS) pursuant to Senate Bill (SB) 375. As the clearinghouse for regionally significant projects per Executive Order 12372, SCAG reviews the consistency of local plans, projects, and programs with regional plans.[1] SCAG's feedback is intended to assist local jurisdictions and project proponents to implement projects that have the potential to contribute to attainment of Regional Transportation Plan/Sustainable Community Strategies (RTP/SCS) goals and align with RTP/SCS policies.

SCAG staff has reviewed the Notice of Preparation of a Draft Environmental Impact Report for the 1045 Olive Project. The proposed project includes a maximum of 794 residential units, 12,504 square feet (sf) of commercial uses, and up to 100,652 sf of amenity/open space area for its residents on a 41,603 sf site.

When available, please send environmental documentation to *SCAG's office in Los Angeles or by email to au@scag.ca.gov* providing, at a minimum, the full public comment period for review. Please note our new headquarters in Downtown Los Angeles is at *900 Wilshire Boulevard, Ste. 1700, Los Angeles, California 90017*.

If you have any questions regarding the attached comments, please contact the Inter-Governmental Review (IGR) Program, attn.: Anita Au, Associate Regional Planner, at (213) 236-1874 or au@scag.ca.gov. Thank you.

Sincerely,

Ping Chang
Acting Manager, Compliance and Performance Monitoring

[1] Lead agencies such as local jurisdictions have the sole discretion in determining a local project's consistency with the 2016 RTP/SCS for the purpose of determining consistency for CEQA. Any "consistency" finding by SCAG pursuant to the IGR process should not be construed as a determination of consistency with the 2016 RTP/SCS for CEQA.

COMMENTS ON THE NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE 1045 OLIVE PROJECT [SCAG NO. IGR9499]

CONSISTENCY WITH RTP/SCS

SCAG reviews environmental documents for regionally significant projects for their consistency with the adopted RTP/SCS. For the purpose of determining consistency with CEQA, lead agencies such as local jurisdictions have the sole discretion in determining a local project's consistency with the RTP/SCS.

2016 RTP/SCS GOALS

The SCAG Regional Council adopted the 2016 RTP/SCS in April 2016. The 2016 RTP/SCS seeks to improve mobility, promote sustainability, facilitate economic development and preserve the quality of life for the residents in the region. The long-range visioning plan balances future mobility and housing needs with goals for the environment, the regional economy, social equity and environmental justice, and public health (see http://scagrtpscs.net/Pages/FINAL2016RTPSCS.aspx). The goals included in the 2016 RTP/SCS may be pertinent to the proposed project. These goals are meant to provide guidance for considering the proposed project within the context of regional goals and policies. Among the relevant goals of the 2016 RTP/SCS are the following:

SCAG 2016 RTP/SCS GOALS	
RTP/SCS G1:	*Align the plan investments and policies with improving regional economic development and competitiveness*
RTP/SCS G2:	*Maximize mobility and accessibility for all people and goods in the region*
RTP/SCS G3:	*Ensure travel safety and reliability for all people and goods in the region*
RTP/SCS G4:	*Preserve and ensure a sustainable regional transportation system*
RTP/SCS G5:	*Maximize the productivity of our transportation system*
RTP/SCS G6:	*Protect the environment and health for our residents by improving air quality and encouraging active transportation (e.g., bicycling and walking)*
RTP/SCS G7:	*Actively encourage and create incentives for energy efficiency, where possible*
RTP/SCS G8:	*Encourage land use and growth patterns that facilitate transit and active transportation*
RTP/SCS G9:	*Maximize the security of the regional transportation system through improved system monitoring, rapid recovery planning, and coordination with other security agencies**
	**SCAG does not yet have an agreed-upon security performance measure.*

For ease of review, we encourage the use of a side-by-side comparison of SCAG goals with discussions of the consistency, non-consistency or non-applicability of the goals and supportive analysis in a table format. Suggested format is as follows:

SCAG 2016 RTP/SCS GOALS		
	Goal	Analysis
RTP/SCS G1:	*Align the plan investments and policies with improving regional economic development and competitiveness*	*Consistent: Statement as to why;* *Not-Consistent: Statement as to why;* *Or* *Not Applicable: Statement as to why;* *DEIR page number reference*
RTP/SCS G2:	*Maximize mobility and accessibility for all people and goods in the region*	*Consistent: Statement as to why;* *Not-Consistent: Statement as to why;* *Or* *Not Applicable: Statement as to why;* *DEIR page number reference*
etc.		etc.

2016 RTP/SCS STRATEGIES

To achieve the goals of the 2016 RTP/SCS, a wide range of land use and transportation strategies are included in the 2016 RTP/SCS. Technical appendances of the 2016 RTP/SCS provide additional supporting information in detail. To view the 2016 RTP/SCS, please visit: http://scagrtpscs.net/Pages/FINAL2016RTPSCS.aspx. The 2016 RTP/SCS builds upon the progress from the 2012 RTP/SCS and continues to focus on integrated, coordinated, and balanced planning for land use and transportation that the SCAG region strives toward a more sustainable region, while the region meets and exceeds in meeting all of applicable statutory requirements pertinent to the 2016 RTP/SCS. These strategies within the regional context are provided as guidance for lead agencies such as local jurisdictions when the proposed project is under consideration.

DEMOGRAPHICS AND GROWTH FORECASTS

Local input plays an important role in developing a reasonable growth forecast for the 2016 RTP/SCS. SCAG used a bottom-up local review and input process and engaged local jurisdictions in establishing the base geographic and socioeconomic projections including population, household and employment. At the time of this letter, the most recently adopted SCAG jurisdictional-level growth forecasts that were developed in accordance with the bottom-up local review and input process consist of the 2020, 2035, and 2040 population, households and employment forecasts. To view them, please visit http://www.scag.ca.gov/Documents/2016GrowthForecastByJurisdiction.pdf. The growth forecasts for the region and applicable jurisdictions are below.

	Adopted SCAG Region Wide Forecasts			Adopted City of Los Angeles Forecasts		
	Year 2020	Year 2035	Year 2040	Year 2020	Year 2035	Year 2040
Population	19,663,000	22,091,000	22,138,800	4,017,000	4,442,500	4,609,400
Households	6,458,000	7,325,000	7,412,300	1,441,400	1,618,900	1,690,300
Employment	8,414,000	9,441,000	9,871,500	1,899,500	2,104,100	2,169,100

MITIGATION MEASURES

SCAG staff recommends that you review the Final Program Environmental Impact Report (Final PEIR) for the 2016 RTP/SCS for guidance, as appropriate. SCAG's Regional Council certified the Final PEIR and adopted the associated Findings of Fact and a Statement of Overriding Considerations (FOF/SOC) and Mitigation Monitoring and Reporting Program (MMRP) on April 7, 2016 (please see: http://scagrtpscs.net/Pages/FINAL2016PEIR.aspx). The Final PEIR includes a list of project-level performance standards-based mitigation measures that may be considered for adoption and implementation by lead, responsible, or trustee agencies in the region, as applicable and feasible. Project-level mitigation measures are within responsibility, authority, and/or jurisdiction of project-implementing agency or other public agency serving as lead agency under CEQA in subsequent project- and site- specific design, CEQA review, and decision-making processes, to meet the performance standards for each of the CEQA resource categories.

Connect Create Collaborate

Sarah Molina-Pearson <sarah.molina-pearson@lacity.org>

SCAQMD Staff NOP Comments for the 1045 Olive Project

1 message

Lijin Sun <LSun@aqmd.gov> Tue, Jan 16, 2018 at 6:56 AM
To: "sarah.molina-pearson@lacity.org" <sarah.molina-pearson@lacity.org>
Cc: Michael Krause <MKrause@aqmd.gov>

Dear Ms. Molina-Pearson,

Attached are SCAQMD staff's comments on the Notice of Preparation of Environmental Impact Report for the 1045 Olive Project (SCAQMD Control Number: LAC171221-03). The original, electronically signed letter will be forwarded to your attention by regular USPS mail. Please contact me if you have any questions regarding these comments.

Thank you,

Lijin Sun, J.D.

Program Supervisor, CEQA IGR

South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765

Direct: (909) 396-3308

Fax: (909) 396-3324

LAC171221-03 NOP 1045 Olive Project.pdf
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SENT VIA USPS AND E-MAIL:
Sarah.molina-pearson@lacity.org
Sarah Molina Pearson
City of Los Angeles, Department of City Planning
200 N. Spring Street, Room 750
Los Angeles, CA 90012

January 16, 2018

Notice of Preparation of Environmental Impact Report for the 1045 Olive Project

The South Coast Air Quality Management District (SCAQMD) staff appreciates the opportunity to comment on the above-mentioned document. SCAQMD staff's comments are recommendations regarding the analysis of potential air quality impacts from the Proposed Project that should be included in the Environmental Impact Report (EIR). Please send SCAQMD a copy of the EIR upon its completion. Note that copies of the EIR that are submitted to the State Clearinghouse are not forwarded to SCAQMD. Please forward a copy of the EIR directly to SCAQMD at the address shown in the letterhead. **In addition, please send with the EIR all appendices or technical documents related to the air quality, health risk, and greenhouse gas analyses and electronic versions of all air quality modeling and health risk assessment files[1]. These include emission calculation spreadsheets and modeling input and output files (not PDF files). Without all files and supporting documentation, SCAQMD staff will be unable to complete our review of the air quality analyses in a timely manner. Any delays in providing all supporting documentation will require additional time for review beyond the end of the comment period.**

Air Quality Analysis

SCAQMD adopted its California Environmental Quality Act (CEQA) Air Quality Handbook in 1993 to assist other public agencies with the preparation of air quality analyses. SCAQMD recommends that the Lead Agency use this Handbook as guidance when preparing its air quality analysis. Copies of the Handbook are available from SCAQMD's Subscription Services Department by calling (909) 396-3720. More guidance developed since this Handbook is also available on SCAQMD's website at: http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/ceqa-air-quality-handbook-(1993). SCAQMD staff also recommends that the Lead Agency use the CalEEMod land use emissions software. This software has recently been updated to incorporate up-to-date state and locally approved emission factors and methodologies for estimating pollutant emissions from typical land use development. CalEEMod is the only software model maintained by the California Air Pollution Control Officers Association (CAPCOA) and replaces the now outdated URBEMIS. This model is available free of charge at: www.caleemod.com.

SCAQMD has also developed both regional and localized significance thresholds. SCAQMD staff requests that the Lead Agency quantify criteria pollutant emissions and compare the results to SCAQMD's CEQA regional pollutant emissions significance thresholds to determine air quality impacts.

[1] Pursuant to the CEQA Guidelines Section 15174, the information contained in an EIR shall include summarized technical data, maps, plot plans, diagrams, and similar relevant information sufficient to permit full assessment of significant environmental impacts by reviewing agencies and members of the public. Placement of highly technical and specialized analysis and data in the body of an EIR should be avoided through inclusion of supporting information and analyses as appendices to the main body of the EIR. Appendices to the EIR may be prepared in volumes separate from the basic EIR document, but shall be readily available for public examination and shall be submitted to all clearinghouses which assist in public review.

SCAQMD's CEQA regional pollutant emissions significance thresholds can be found here: http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf. In addition to analyzing regional air quality impacts, SCAQMD staff recommends calculating localized air quality impacts and comparing the results to localized significance thresholds (LSTs). LSTs can be used in addition to the recommended regional significance thresholds as a second indication of air quality impacts when preparing a CEQA document. Therefore, when preparing the air quality analysis for the Proposed Project, it is recommended that the Lead Agency perform a localized analysis by either using the LSTs developed by SCAQMD staff or performing dispersion modeling as necessary. Guidance for performing a localized air quality analysis can be found at: http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/localized-significance-thresholds.

The Lead Agency should identify any potential adverse air quality impacts that could occur from all phases of the Proposed Project and all air pollutant sources related to the Proposed Project. Air quality impacts from both construction (including demolition, if any) and operations should be calculated. Construction-related air quality impacts typically include, but are not limited to, emissions from the use of heavy-duty equipment from grading, earth-loading/unloading, paving, architectural coatings, off-road mobile sources (e.g., heavy-duty construction equipment) and on-road mobile sources (e.g., construction worker vehicle trips, material transport trips). Operation-related air quality impacts may include, but are not limited to, emissions from stationary sources (e.g., boilers), area sources (e.g., solvents and coatings), and vehicular trips (e.g., on- and off-road tailpipe emissions and entrained dust). Air quality impacts from indirect sources, such as sources that generate or attract vehicular trips, should be included in the analysis.

In the event that the Proposed Project generates or attracts vehicular trips, especially heavy-duty diesel-fueled vehicles, it is recommended that the Lead Agency perform a mobile source health risk assessment. Guidance for performing a mobile source health risk assessment ("*Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis*") can be found at: http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/mobile-source-toxics-analysis. An analysis of all toxic air contaminant impacts due to the use of equipment potentially generating such air pollutants should also be included.

In addition, guidance on siting incompatible land uses (such as placing homes near freeways) can be found in the California Air Resources Board's *Air Quality and Land Use Handbook: A Community Health Perspective*, which can be found at: http://www.arb.ca.gov/ch/handbook.pdf. CARB's Land Use Handbook is a general reference guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process. Guidance[2] on strategies to reduce air pollution exposure near high-volume roadways can be found at: https://www.arb.ca.gov/ch/rd_technical_advisory_final.PDF.

Mitigation Measures

In the event that the Proposed Project generates significant adverse air quality impacts, CEQA requires that all feasible mitigation measures that go beyond what is required by law be utilized during project construction and operation to minimize these impacts. Pursuant to CEQA Guidelines Section 15126.4 (a)(1)(D), any impacts resulting from mitigation measures must also be discussed. Several resources are available to assist the Lead Agency with identifying potential mitigation measures for the Proposed Project, including:

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[2] In April 2017, CARB published a technical advisory, *Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways: Technical Advisory*, to supplement CARB's Air Quality and Land Use Handbook: A Community Health Perspective. This technical advisory is intended to provide information on strategies to reduce exposures to traffic emissions near high-volume roadways to assist land use planning and decision-making in order to protect public health and promote equity and environmental justice. The technical advisory is available at: https://www.arb.ca.gov/ch/landuse.htm.

- Chapter 11 of SCAQMD's CEQA Air Quality Handbook
- SCAQMD's CEQA web pages available here: http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/mitigation-measures-and-control-efficiencies
- SCAQMD's Rule 403 – Fugitive Dust, and the Implementation Handbook for controlling construction-related emissions and Rule 1403 – Asbestos Emissions from Demolition/Renovation Activities
- SCAQMD's Mitigation Monitoring and Reporting Plan (MMRP) for the 2016 Air Quality Management Plan (2016 AQMP) available here (starting on page 86): http://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2017/2017-mar3-035.pdf
- CAPCOA's *Quantifying Greenhouse Gas Mitigation Measures* available here: http://www.capcoa.org/wp-content/uploads/2010/11/CAPCOA-Quantification-Report-9-14-Final.pdf

Alternatives

In the event that the Proposed Project generates significant adverse air quality impacts, CEQA requires the consideration and discussion of alternatives to the project or its location which are capable of avoiding or substantially lessening any of the significant effects of the project. The discussion of a reasonable range of potentially feasible alternatives, including a "no project" alternative, is intended to foster informed decision-making and public participation. Pursuant to CEQA Guidelines Section 15126.6(d), the EIR shall include sufficient information about each alternative to allow meaningful evaluation, analysis, and comparison with the Proposed Project.

Permits

In the event that the Proposed Project requires a permit from SCAQMD, SCAQMD should be identified as a responsible agency for the Proposed Project. For more information on permits, please visit SCAQMD webpage at: http://www.aqmd.gov/home/permits. Questions on permits can be directed to SCAQMD's Engineering and Permitting staff at (909) 396-3385.

Data Sources

SCAQMD rules and relevant air quality reports and data are available by calling SCAQMD's Public Information Center at (909) 396-2039. Much of the information available through the Public Information Center is also available at SCAQMD's webpage at: http://www.aqmd.gov.

SCAQMD staff is available to work with the Lead Agency to ensure that project air quality impacts are accurately evaluated and any significant impacts are mitigated where feasible. If you have any questions regarding this letter, please contact me at lsun@aqmd.gov or call me at (909) 396-3308.

Sincerely,

Lijin Sun

Lijin Sun, J.D.
Program Supervisor, CEQA IGR
Planning, Rule Development & Area Sources

LS
LAC171221-03
Control Number

Connect Create Collaborate

Sarah Molina-Pearson <sarah.molina-pearson@lacity.

1045 Olive Project - NOP EIR - Metro Comments

1 message

Zepeda, Eddi <ZepedaEd@metro.net>
To: "sarah.molina-pearson@lacity.org" <sarah.molina-pearson@lacity.org>
Cc: "Saponara, Nicholas" <SaponaraN@metro.net>, "Hull, Derek" <HullD@metro.net>
Fri, Jan 19, 2018 at 3:42 P

Ms. Pearson,

Thank you for the opportunity to comment on the Notice of Preparation of an EIR for the 1045 Olive project in the City of Los Angeles. Attached is Metro's comment letter along with the referenced appendix document. A hard copy of the letter will follow via mail. Please don't hesitate to contact me should you have any questions.

Best regards,

Eddi Zepeda
LA Metro

Transportation Planner
Countywide Planning & Development, Joint Development
213.922.7658
metro.net | facebook.com/losangelesmetro | @metrolosangeles
Metro provides excellence in service and support.

2 attachments

2018-01-19 1045 Olive Project - NOP EIR - Metro Comments.pdf
175K

CMP Appendix D -Transport Impact Analysis Guidelines.pdf
51K

Los Angeles County
Metropolitan Transportation Authority

One Gateway Plaza
Los Angeles, CA 90012-2952

213.922.2000 Tel
metro.net

Metro

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CITY OF LOS ANGELES
JAN 30 2018

January 19, 2018

Sarah Molina Pearson
City of Los Angeles
Department of City Planning
200 N. Spring Street, Room 750
Los Angeles, CA 90012

RE: 1045 Olive Project – Notice of Preparation of an Environmental Impact Report.

Dear Ms. Pearson:

Thank you for the opportunity to comment on the 1045 Olive Project located at 1033-1057 S. Olive Street in the City of Los Angeles (Project). This letter conveys recommendations from the Los Angeles County Metropolitan Transportation Authority (Metro) concerning issues that are germane to our agency's statutory responsibility in relation to our facilities and services that may be affected by the proposed Project.

Metro is committed to working with stakeholders across the County to support the development of transit oriented communities (TOCs). TOCs are built by considering transit within a broader community and creating vibrant, compact, walkable, and bikeable places centered around transit stations and hubs with the goal of encouraging the use of transit and other alternatives to driving. Metro appreciates the opportunity to collaborate with local municipalities, developers, and other stakeholders in their land use planning and development efforts, and to find partnerships that support TOCs across Los Angeles County.

Project Location & Existing On-Site Uses

The Project site is located in the South Park community of Downtown Los Angeles, within the Central City Community Plan Area. The site is 41,603 square feet in size, inclusive of 34,673 square feet occupied by four existing commercial buildings (containing 35,651 square feet of rentable area), 3,424 square feet of paved parking lot area, and 3,506 square feet of right of way and alley easement area. The existing buildings are one-story in height and are typical of older single story commercial buildings in the Project vicinity.

Project Description

The Project includes the removal of four existing commercial buildings and the construction of a mixed-use high-rise building not to exceed 751,777 square feet containing a maximum of 794 residential units and 12,504 square feet of commercial uses located at the ground and mezzanine levels. At 70 stories, with a 61-story tower above a nine-story podium structure, the Project would reach up to 810 feet in height. Neighborhood serving commercial uses and a residential lobby would front along 11th Street and Olive Street. A public plaza space would be located at the corner of 11th Street and Olive Street. In addition, the Project would provide up to 100,652 square feet of

amenity/open space area for its residents located above the podium structure, at mid-tower, on a roof terrace, and within private balconies. Vehicle and bicycle parking would be provided per requirements of the LAMC within up to six (6) subterranean levels and eight (8) partial levels above grade (the fifth through ninth levels will contain residential units and other active uses along the perimeter of the Podium along the 11th Street and Olive Street frontages). The maximum floor-area ratio for the Transit Area Mixed-Use Project would be 13:1.

Project construction would take place in a single phase anticipated to begin in 2019 with Project build-out projected for 2023. To provide for the new development, approximately 80,520 cubic yards of soil would be excavated, all of which is expected to be exported off site.

Metro Comments

Metro Bus Service Adjacency

Metro Bus Lines 14/37, 70, 71, 76, 78/79/378, and 96 operate on Olive Street, adjacent to the proposed Project. Although the Project is not expected to result in any long-term impacts on transit, the developer should be aware of the bus services that are present. With an anticipated increase in traffic during and after construction, Metro encourages any impact analysis to include potential impacts on the Metro Bus lines. Potential impacts could include construction traffic as well as operation of and shipment/deliveries to the new building.

Please contact Metro Bus Operations Control Special Events Coordinator at 213-922-4632 and Metro's Stops and Zones Department at 213-922-5190 with any questions and at least 30 days in advance of initiating construction activities. Other municipal bus operators may also be impacted and should be included in construction outreach efforts.

Transit Orientation / Active Transportation

Considering the Project's location and proximity to numerous transit services, including several Metro Bus stops and the nearby Metro Pico Station and the Metro 7th Street/Metro Center Station, Metro would like to identify the potential synergies associated with transit-oriented development:

1. Metro supports development of commercial and residential properties near transit facilities and understands that increasing development near stations represents a mutually beneficial opportunity to increase ridership and enhance transportation options for the users of developments. Metro encourages the City and Project sponsor to be mindful of the Project's proximity to several Metro bus stops and the nearby rail stations.

2. Metro would like to inform the Project sponsor of Metro's employer transit pass programs including the Annual Transit Access Pass (A-TAP) and Business Transit Access Pass (B-TAP) programs which offer efficiencies and group rates that businesses can offer employees as an incentive to utilize public transit. For more information on these programs, contact Devon Deming at 213-922-7957 or DemingD@metro.net.

3. Given the high-density, walkable and transit-accessible urban setting of the project, Metro encourages the Project sponsor to reduce the number of parking spaces for private autos. Studies show that excessive parking encourages driving, increasing traffic congestion, which impacts transit vehicle operation and pedestrian safety, and increases greenhouse gases and unhealthy exhaust fumes. Metro strongly encourages the incorporation of transit-oriented, pedestrian-oriented parking provision strategies such as the reduction or removal of minimum

parking requirements for specific areas and the exploration of shared parking opportunities or parking benefit districts. These strategies should be pursued to encourage more transit-oriented development and reduce automobile-orientation in design and travel demand.

4. With an anticipated increase in traffic, Metro encourages an analysis of impacts on non-motorized transportation modes and consideration of improved non-motorized access to the Pico Station, including pedestrian connections and bike lanes/paths. Appropriate analyses could include multi-modal LOS calculations, pedestrian audits, etc.

5. The Project should address first-last mile connections to transit, encouraging development that is transit accessible with bicycle and pedestrian-oriented street design connecting stations with housing and employment concentrations. Metro encourages the installation of wide sidewalks, pedestrian lighting, a continuous canopy of shade trees, and other amenities along all of the site's public right-of-way frontages to improve pedestrian safety and comfort to access the nearby transit services. The City should consider requesting the installation of such amenities as part of the development of the site. For reference, please view the First Last Mile Strategic Plan, authored by Metro and the Southern California Association of Governments (SCAG), available on-line at:
http://media.metro.net/docs/sustainability_path_design_guidelines.pdf

6. Metro encourages the City to work with the applicant to promote bicycle use through adequate short-term bicycle parking, such as ground level bicycle racks, as well as secure and enclosed long-term bicycle parking for employees and guests. Bicycle parking facilities should be highly visible, easy to locate, and sited so they can be safely and conveniently accessed. The Project sponsor should coordinate with Metro Bike Share program for a potential Bike Share station at this development. Additionally, the applicant should help facilitate safe and convenient connections for pedestrians, people riding bicycles, and transit users to/from the Project site and nearby destinations such as the Pico Station and 7th Street/Metro Center Station. The Project is encouraged to support these connections with wayfinding signage inclusive of all modes of transportation.

Congestion Management Program

Beyond impacts to Metro facilities and operations, Metro must also notify the Project sponsor of state requirements. A Transportation Impact Analysis (TIA), with roadway and transit components, is required under the State of California Congestion Management Program (CMP) statute. The CMP TIA Guidelines are published in the "2010 Congestion Management Program for Los Angeles County," Appendix D (attached). The geographic area examined in the TIA must include the following, at a minimum:

1. All CMP arterial monitoring intersections, including monitored freeway on/off-ramp intersections, where the proposed Project will add 50 or more trips during either the a.m. or p.m. weekday peak hour (of adjacent street traffic).

2. If CMP arterial segments are being analyzed rather than intersections, the study area must include all segments where the proposed Project will add 50 or more peak hour trips (total of both directions). Within the study area, the TIA must analyze at least one segment between monitored CMP intersections.

3. Mainline freeway-monitoring locations where the Project will add 150 or more trips, in either direction, during either the a.m. or p.m. weekday peak hour.

4. Caltrans must also be consulted through the NOP process to identify other specific locations to be analyzed on the state highway system.

The CMP TIA requirement also contains two separate impact studies covering roadways and transit, as outlined in Sections D.8.1 – D.9.4. If the TIA identifies no facilities for study based on the criteria above, no further traffic analysis is required. However, projects must still consider transit impacts. For all CMP TIA requirements please see the attached guidelines.

If you have any questions regarding this response, please contact Derek Hull at 213-922-3051 or by email at DevReview@metro.net. Metro looks forward to reviewing the Draft EIR. Please send it to the following address:

Metro Development Review
One Gateway Plaza MS 99-18-3
Los Angeles, CA 90012-2952

Sincerely,

Derek Hull
Manager, Transportation Planning

Attachments: CMP Appendix D: Guidelines for CMP Transportation Impact Analysis

APPENDIX

D

GUIDELINES FOR CMP TRANSPORTATION IMPACT ANALYSIS

Important Notice to User: This section provides detailed travel statistics for the Los Angeles area which will be updated on an ongoing basis. Updates will be distributed to all local jurisdictions when available. In order to ensure that impact analyses reflect the best available information, lead agencies may also contact MTA at the time of study initiation. Please contact MTA staff to request the most recent release of "Baseline Travel Data for CMP TIAs."

D.1 OBJECTIVE OF GUIDELINES

The following guidelines are intended to assist local agencies in evaluating impacts of land use decisions on the Congestion Management Program (CMP) system, through preparation of a regional transportation impact analysis (TIA). The following are the basic objectives of these guidelines:

- Promote consistency in the studies conducted by different jurisdictions, while maintaining flexibility for the variety of project types which could be affected by these guidelines.
- Establish procedures which can be implemented within existing project review processes and without ongoing review by MTA.
- Provide guidelines which can be implemented immediately, with the full intention of subsequent review and possible revision.

These guidelines are based on specific requirements of the Congestion Management Program, and travel data sources available specifically for Los Angeles County. References are listed in Section D.10 which provide additional information on possible methodologies and available resources for conducting TIAs.

D.2 GENERAL PROVISIONS

Exhibit D-7 provides the model resolution that local jurisdictions adopted containing CMP TIA procedures in 1993. TIA requirements should be fulfilled within the existing environmental review process, extending local traffic impact studies to include impacts to the regional system. In order to monitor activities affected by these requirements, Notices of Preparation (NOPs) must be submitted to MTA as a responsible agency. Formal MTA approval of individual TIAs is not required.

The following sections describe CMP TIA requirements in detail. In general, the competing objectives of consistency & flexibility have been addressed by specifying standard, or minimum, requirements and requiring documentation when a TIA varies from these standards.

D.3 PROJECTS SUBJECT TO ANALYSIS

In general a CMP TIA is required for all projects required to prepare an Environmental Impact Report (EIR) based on local determination. A TIA is not required if the lead agency for the EIR finds that traffic is not a significant issue, and does not require local or regional traffic impact analysis in the EIR. Please refer to Chapter 5 for more detailed information.

CMP TIA guidelines, particularly intersection analyses, are largely geared toward analysis of projects where land use types and design details are known. Where likely land uses are not defined (such as where project descriptions are limited to zoning designation and parcel size with no information on access location), the level of detail in the TIA may be adjusted accordingly. This may apply, for example, to some redevelopment areas and citywide general plans, or community level specific plans. In such cases, where project definition is insufficient for meaningful intersection level of service analysis, CMP arterial segment analysis may substitute for intersection analysis.

D.4 STUDY AREA

The geographic area examined in the TIA must include the following, at a minimum:

- ❑ All CMP arterial monitoring intersections, including monitored freeway on- or off-ramp intersections, where the proposed project will add 50 or more trips during either the AM or PM weekday peak hours (of adjacent street traffic).
- ❑ If CMP arterial segments are being analyzed rather than intersections (see Section D.3), the study area must include all segments where the proposed project will add 50 or more peak hour trips (total of both directions). Within the study area, the TIA must analyze at least one segment between monitored CMP intersections.
- ❑ Mainline freeway monitoring locations where the project will add 150 or more trips, in either direction, during either the AM or PM weekday peak hours.
- ❑ Caltrans must also be consulted through the Notice of Preparation (NOP) process to identify other specific locations to be analyzed on the state highway system.

If the TIA identifies no facilities for study based on these criteria, no further traffic analysis is required. However, projects must still consider transit impacts (Section D.8.4).

D.5 BACKGROUND TRAFFIC CONDITIONS

The following sections describe the procedures for documenting and estimating background, or non-project related traffic conditions. Note that for the purpose of a TIA, these background estimates must include traffic from all sources without regard to the exemptions specified in CMP statute (e.g., traffic generated by the provision of low and very low income housing, or trips originating outside Los Angeles County. Refer to Chapter 5, Section 5.2.3 for a complete list of exempted projects).

D.5.1 Existing Traffic Conditions. Existing traffic volumes and levels of service (LOS) on the CMP highway system within the study area must be documented. Traffic counts must

be less than one year old at the time the study is initiated, and collected in accordance with CMP highway monitoring requirements (see Appendix A). Section D.8.1 describes TIA LOS calculation requirements in greater detail. Freeway traffic volume and LOS data provided by Caltrans is also provided in Appendix A.

D.5.2 Selection of Horizon Year and Background Traffic Growth. Horizon year(s) selection is left to the lead agency, based on individual characteristics of the project being analyzed. In general, the horizon year should reflect a realistic estimate of the project completion date. For large developments phased over several years, review of intermediate milestones prior to buildout should also be considered.

At a minimum, horizon year background traffic growth estimates must use the generalized growth factors shown in Exhibit D-1. These growth factors are based on regional modeling efforts, and estimate the general effect of cumulative development and other socioeconomic changes on traffic throughout the region. Beyond this minimum, selection among the various methodologies available to estimate horizon year background traffic in greater detail is left to the lead agency. Suggested approaches include consultation with the jurisdiction in which the intersection under study is located, in order to obtain more detailed traffic estimates based on ongoing development in the vicinity.

D.6 PROPOSED PROJECT TRAFFIC GENERATION

Traffic generation estimates must conform to the procedures of the current edition of Trip Generation, by the Institute of Transportation Engineers (ITE). If an alternative methodology is used, the basis for this methodology must be fully documented.

Increases in site traffic generation may be reduced for existing land uses to be removed, if the existing use was operating during the year the traffic counts were collected. Current traffic generation should be substantiated by actual driveway counts; however, if infeasible, traffic may be estimated based on a methodology consistent with that used for the proposed use.

Regional transportation impact analysis also requires consideration of trip lengths. Total site traffic generation must therefore be divided into work and non-work-related trip purposes in order to reflect observed trip length differences. Exhibit D-2 provides factors which indicate trip purpose breakdowns for various land use types.

For lead agencies who also participate in CMP highway monitoring, it is recommended that any traffic counts on CMP facilities needed to prepare the TIA should be done in the manner outlined in Chapter 2 and Appendix A. If the TIA traffic counts are taken within one year of the deadline for submittal of CMP highway monitoring data, the local jurisdiction would save the cost of having to conduct the traffic counts twice.

D.7 TRIP DISTRIBUTION

For trip distribution by direct/manual assignment, generalized trip distribution factors are provided in Exhibit D-3, based on regional modeling efforts. These factors indicate Regional Statistical Area (RSA)-level tripmaking for work and non-work trip purposes.

(These RSAs are illustrated in Exhibit D-4.) For locations where it is difficult to determine the project site RSA, census tract/RSA correspondence tables are available from MTA.

Exhibit D-5 describes a general approach to applying the preceding factors. Project trip distribution must be consistent with these trip distribution and purpose factors; the basis for variation must be documented.

Local agency travel demand models disaggregated from the SCAG regional model are presumed to conform to this requirement, as long as the trip distribution functions are consistent with the regional distribution patterns. For retail commercial developments, alternative trip distribution factors may be appropriate based on the market area for the specific planned use. Such market area analysis must clearly identify the basis for the trip distribution pattern expected.

D.8 IMPACT ANALYSIS

CMP Transportation Impact Analyses contain two separate impact studies covering roadways and transit. Section Nos. D.8.1-D.8.3 cover required roadway analysis while Section No. D.8.4 covers the required transit impact analysis. Section Nos. D.9.1-D.9.4 define the requirement for discussion and evaluation of alternative mitigation measures.

D.8.1 Intersection Level of Service Analysis. The LA County CMP recognizes that individual jurisdictions have wide ranging experience with LOS analysis, reflecting the variety of community characteristics, traffic controls and street standards throughout the county. As a result, the CMP acknowledges the possibility that no single set of assumptions should be mandated for all TIAs within the county.

However, in order to promote consistency in the TIAs prepared by different jurisdictions, CMP TIAs must conduct intersection LOS calculations using either of the following methods:

- ❑ The Intersection Capacity Utilization (ICU) method as specified for CMP highway monitoring (see Appendix A); or
- ❑ The Critical Movement Analysis (CMA) / Circular 212 method.

Variation from the standard assumptions under either of these methods for circumstances at particular intersections must be fully documented.

TIAs using the 1985 or 1994 Highway Capacity Manual (HCM) operational analysis must provide converted volume-to-capacity based LOS values, as specified for CMP highway monitoring in Appendix A.

D.8.2 Arterial Segment Analysis. For TIAs involving arterial segment analysis, volume-to-capacity ratios must be calculated for each segment and LOS values assigned using the V/C-LOS equivalency specified for arterial intersections. A capacity of 800 vehicles per hour per through traffic lane must be used, unless localized conditions necessitate alternative values to approximate current intersection congestion levels.

D.8.3 Freeway Segment (Mainline) Analysis. For the purpose of CMP TIAs, a simplified analysis of freeway impacts is required. This analysis consists of a demand-to-capacity calculation for the affected segments, and is indicated in Exhibit D-6.

D.8.4 Transit Impact Review. CMP transit analysis requirements are met by completing and incorporating into an EIR the following transit impact analysis:

- ❑ Evidence that affected transit operators received the Notice of Preparation.
- ❑ A summary of existing transit services in the project area. Include local fixed-route services within a ¼ mile radius of the project; express bus routes within a 2 mile radius of the project, and; rail service within a 2 mile radius of the project.
- ❑ Information on trip generation and mode assignment for both AM and PM peak hour periods as well as for daily periods. Trips assigned to transit will also need to be calculated for the same peak hour and daily periods. Peak hours are defined as 7:30-8:30 AM and 4:30-5:30 PM. Both "peak hour" and "daily" refer to average weekdays, unless special seasonal variations are expected. If expected, seasonal variations should be described.
- ❑ Documentation of the assumption and analyses that were used to determine the number and percent of trips assigned to transit. Trips assigned to transit may be calculated along the following guidelines:
  - ➢ Multiply the total trips generated by 1.4 to convert vehicle trips to person trips;
  - ➢ For each time period, multiply the result by one of the following factors:

    3.5% of Total Person Trips Generated for most cases, except:

    10% primarily Residential within 1/4 mile of a CMP transit center
    15% primarily Commercial within 1/4 mile of a CMP transit center
    7% primarily Residential within 1/4 mile of a CMP multi-modal transportation center
    9% primarily Commercial within 1/4 mile of a CMP multi-modal transportation center
    5% primarily Residential within 1/4 mile of a CMP transit corridor
    7% primarily Commercial within 1/4 mile of a CMP transit corridor
    0% if no fixed route transit services operate within one mile of the project

  To determine whether a project is primarily residential or commercial in nature, please refer to the CMP land use categories listed and defined in Appendix E, *Guidelines for New Development Activity Tracking and Self Certification.* For projects that are only partially within the above one-quarter mile radius, the base rate (3.5% of total trips generated) should be applied to all of the project buildings that touch the radius perimeter.

- ❑ Information on facilities and/or programs that will be incorporated in the development plan that will encourage public transit use. Include not only the jurisdiction's TDM Ordinance measures, but other project specific measures.

- Analysis of expected project impacts on current and future transit services and proposed project mitigation measures, and;
- Selection of final mitigation measures remains at the discretion of the local jurisdiction/lead agency. Once a mitigation program is selected, the jurisdiction self-monitors implementation through the existing mitigation monitoring requirements of CEQA.

D.9 IDENTIFICATION AND EVALUATION OF MITIGATION

D.9.1 Criteria for Determining a Significant Impact. For purposes of the CMP, a significant impact occurs when the proposed project increases traffic demand on a CMP facility by 2% of capacity ($V/C \geq 0.02$), causing LOS F ($V/C > 1.00$); if the facility is already at LOS F, a significant impact occurs when the proposed project increases traffic demand on a CMP facility by 2% of capacity ($V/C \geq 0.02$). The lead agency may apply a more stringent criteria if desired.

D.9.2 Identification of Mitigation. Once the project has been determined to cause a significant impact, the lead agency must investigate measures which will mitigate the impact of the project. Mitigation measures proposed must clearly indicate the following:

- Cost estimates, indicating the fair share costs to mitigate the impact of the proposed project. If the improvement from a proposed mitigation measure will exceed the impact of the project, the TIA must indicate the proportion of total mitigation costs which is attributable to the project. This fulfills the statutory requirement to exclude the costs of mitigating inter-regional trips.
- Implementation responsibilities. Where the agency responsible for implementing mitigation is not the lead agency, the TIA must document consultation with the implementing agency regarding project impacts, mitigation feasibility and responsibility.

Final selection of mitigation measures remains at the discretion of the lead agency. The TIA must, however, provide a summary of impacts and mitigation measures. Once a mitigation program is selected, the jurisdiction self-monitors implementation through the mitigation monitoring requirements contained in CEQA.

D.9.3 Project Contribution to Planned Regional Improvements. If the TIA concludes that project impacts will be mitigated by anticipated regional transportation improvements, such as rail transit or high occupancy vehicle facilities, the TIA must document:

- Any project contribution to the improvement, and
- The means by which trips generated at the site will access the regional facility.

D.9.4 Transportation Demand Management (TDM). If the TIA concludes or assumes that project impacts will be reduced through the implementation of TDM measures, the TIA must document specific actions to be implemented by the project which substantiate these conclusions.

D.10 REFERENCES

1. *Traffic Access and Impact Studies for Site Development: A Recommended Practice*, Institute of Transportation Engineers, 1991.
2. *Trip Generation*, 5th Edition, Institute of Transportation Engineers, 1991.
3. *Travel Forecast Summary: 1987 Base Model - Los Angeles Regional Transportation Study (LARTS)*, California State Department of Transportation (Caltrans), February 1990.
4. *Traffic Study Guidelines*, City of Los Angeles Department of Transportation (LADOT), July 1991.
5. *Traffic/Access Guidelines*, County of Los Angeles Department of Public Works.
6. *Building Better Communities*, Sourcebook, Coordinating Land Use and Transit Planning, American Public Transit Association.
7. *Design Guidelines for Bus Facilities*, Orange County Transit District, 2nd Edition, November 1987.
8. *Coordination of Transit and Project Development*, Orange County Transit District, 1988.
9. *Encouraging Public Transportation Through Effective Land Use Actions*, Municipality of Metropolitan Seattle, May 1987.

FORM GEN. 160 (Rev. 8-12)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

RECEIVED
CITY OF LOS ANGELES
JAN 17 2018
CITY PLANNING DEPT.
EXECUTIVE OFFICE

DATE: January 10, 2018

TO: Vincent P.Bertoni, Director of Planning
Department of City Planning

Attn: Sara Molina Pearson, City Planner
Department of City Planning

FROM: Ali Poosti, Division Manager
Wastewater Engineering Services Division
LA Sanitation

RECEIVED
CITY OF LOS ANGELES
JAN 24 2018
MAJOR PROJECT
UNIT

SUBJECT: **1045 OLIVE PROJECT- NOTICE OF PREPARATION OF ENVIRONMENTAL IMPACT REPORT AND PUBLIC SCOPING MEETING**

This is in response to your December 29, 2017 letter requesting a review of the proposed mixed-use high-rise building located at 1033-1057 S. Olive Street, Los Angeles, CA, 90015. The project will consist of residential units, retail area, lobby of retail area, office building, and swimming pool. LA Sanitation has conducted a preliminary evaluation of the potential impacts to the wastewater and stormwater systems for the proposed project.

WASTEWATER REQUIREMENT

LA Sanitation, Wastewater Engineering Services Division (WESD) is charged with the task of evaluating the local sewer conditions and to determine if available wastewater capacity exists for future developments. The evaluation will determine cumulative sewer impacts and guide the planning process for any future sewer improvement projects needed to provide future capacity as the City grows and develops.

Projected Wastewater Discharges for the Proposed Project:

Type Description	Average Daily Flow per Type Description (GPD/UNIT)	Proposed No. of Units	Average Daily Flow (GPD)
Proposed			
Residential: APT- Bachelor	75 GPD/DU	112 UNITS	8,400
Residential: APT- 1 BDRM	110 GPD/DU	366 UNITS	40,260
Residential: APT- 2 BDRM	150 GPD/DU	220 UNITS	33,000
Residential: APT- 3 BDRM	190 GPD/DU	96 UNITS	18,240
Office Bldg	120 GPD/1000 SQ.FT	960 SQ.FT	115
Retail Area (Less than 100,000 SF)	25 GPD/1000 SQ.FT	12,504 SQ.FT	313
Lobby of Retail Area	50 GPD/1000 SQ.FT	80,562 SQ.FT	4,028
Swimming Pool Filter	1000 GPD/UNIT	1 UNIT	1,000
Total			**105,356**

SEWER AVAILABILITY

The sewer infrastructure in the vicinity of the proposed project includes an existing 14-inch line on Olive ST. The sewage from the existing 14-inch line feeds into a 27-inch line on Hill St. before discharging into a 50-inch sewer line on Grand Ave. Figure 1 shows the details of the sewer system within the vicinity of the project. The current flow level (d/D) in the 14-inch line cannot be determined at this time without additional gauging.

The current approximate flow level (d/D) and the design capacities at d/D of 50% in the sewer system are as follows:

Pipe Diameter (in)	Pipe Location	Current Gauging d/D (%)	50% Design Capacity
14	Olive St.	*	1,368,311 GPD
14	Olive St.	0.39	1,349,172 GPD
14	Pico Bl.	*	1,396,526 GPD
27	Hill St.	0.33	6,504,967 GPD
27	Grand Ave.	*	6,571,009 GPD
50	Grand Ave.	0.48	18,492,167 GPD

* No gauging available

Based on the estimated flows, it appears the sewer system might be able to accommodate the total flow for your proposed project. Further detailed gauging and evaluation will be needed as part of the permit process to identify a specific sewer connection point. If the public sewer has insufficient capacity then the developer will be required to build sewer lines to a point in the sewer system with sufficient capacity. A final approval for sewer capacity and connection permit will be made at that time. Ultimately, this sewage flow will be conveyed to the Hyperion Water Reclamation Plant, which has sufficient capacity for the project.

If you have any questions, please call Christopher DeMonbrun at (323) 342-1567 or email at chris.demonbrun@lacity.org.

STORMWATER REQUIREMENTS

LA Sanitation, Watershed Protection Program (WPP) is charged with the task of ensuring the implementation of the Municipal Stormwater Permit requirements within the City of Los Angeles. We anticipate the following requirements would apply for this project.

POST-CONSTRUCTION MITIGATION REQUIREMENTS

In accordance with the Municipal Separate Storm Sewer (MS4) National Pollutant Discharge Elimination System (NPDES) Permit (Order No. R4-2012-0175, NPDES No. CAS004001) and the City of Los Angeles Stormwater and Urban Runoff Pollution Control requirements (Chapter VI, Article 4.4, of the Los Angeles Municipal Code), the Project shall comply with all mandatory provisions to the Stormwater Pollution Control Measures for Development Planning (LID Ordinance) and as it may be subsequently amended or modified. Prior to issuance of grading or building permits, the Applicant shall submit a LID Plan to the City of Los Angeles, Bureau of Sanitation, Watershed Protection Division (WPD), for review and approval. The LID Plan shall be

prepared consistent with the requirements of the Development Best Management Practices Handbook.

Current regulations prioritize infiltration, capture/use, and then biofiltration as the preferred stormwater control measures. The relevant documents can be found at: www.lacitysan.org. It is advised that input regarding LID requirements be received in the early phases of the project from WPD's plan-checking staff.

GREEN STREETS

The City is developing a Green Street Initiative that will require projects to implement Green Street elements in the parkway areas between the roadway and sidewalk of the public right-of-away to capture and retain stormwater and urban runoff to mitigate the impact of stormwater runoff and other environmental concerns. The goals of the Green Street elements are to improve the water quality of stormwater runoff, recharge local ground water basins, improve air quality, reduce the heat island effect of street pavement, enhance pedestrian use of sidewalks, and encourage alternate means of transportation. The Green Street elements may include infiltration systems, biofiltration swales, and permeable pavements where stormwater can be easily directed from the streets into the parkways and can be implemented in conjunction with the LID requirements. Green Street standard plans can be found at: www.eng2.lacity.org/techdocs/stdplans/

CONSTRUCTION REQUIREMENTS

All construction sites are required to implement a minimum set of BMPs for erosion control, sediment control, non-stormwater management, and waste management. In addition, construction sites with active grading permits are required to prepare and implement a Wet Weather Erosion Control Plan during the rainy season between October 1 and April 15. Additionally, construction sites that disturb more than one-acre of land are subject to the NPDES Construction General Permit issued by the State of California, and are required to prepare, submit, and implement the Storm Water Pollution Prevention Plan (SWPPP).

If there are questions regarding the stormwater requirements, please call WPP's plan-checking counter at (213) 482-7066. WPD's plan-checking counter can also be visited at 201 N. Figueroa, 3rd Fl, Station 18.

GROUNDWATER DEWATERING REUSE OPTIONS

The Los Angeles Department of Water and Power (LADWP) is charged with the task of supplying water and power to the residents and businesses in the City of Los Angeles. One of the sources of water includes groundwater. The majority of groundwater in the City of Los Angeles is adjudicated, and the rights of which are owned and managed by various parties. Extraction of groundwater within the City from any depth by law requires metering and regular reporting to the appropriate Court-appointed Watermaster. LADWP facilitates this reporting process, and may assess and collect associated fees for the usage of the City's water rights. The party performing the dewatering should inform the property owners about the reporting requirement and associated usage fees.

On April 22, 2016 the City of Los Angeles Council passed Ordinance 184248 amending the City of Los Angeles Building Code, requiring developers to consider beneficial reuse of groundwater as a

conservation measure and alternative to the common practice of discharging groundwater to the storm drain (SEC. 99.04.305.4). It reads as follows: "Where groundwater is being extracted and discharged, a system for onsite reuse of the groundwater, shall be developed and constructed. Alternatively, the groundwater may be discharged to the sewer."

Groundwater may be beneficially used as landscape irrigation, cooling tower make-up, and construction (dust control, concrete mixing, soil compaction, etc.). Different applications may require various levels of treatment ranging from chemical additives to filtration systems. When onsite reuse is not available the groundwater may be discharged to the sewer system. This allows the water to be potentially reused as recycled water once it has been treated at a water reclamation plant. If groundwater is discharged into the storm drain it offers no potential for reuse. The onsite beneficial reuse of groundwater can reduce or eliminate costs associated with sewer and storm drain permitting and monitoring. Opting for onsite reuse or discharge to the sewer system are the preferred methods for disposing of groundwater.

To help offset costs of water conservation and reuse systems, LADWP offers the Technical Assistance Program (TAP), which provides engineering and technical assistance for qualified projects. Financial incentives are also available. Currently, LADWP provides an incentive of $1.75 for every 1,000 gallons of water saved during the first two years of a five-year conservation project. Conservation projects that last 10 years are eligible to receive the incentive during the first four years. Other water conservation assistance programs may be available from Metropolitan Water District of Southern California. To learn more about available water conservation assistance programs, please contact LADWP Rebate Programs 1-888-376-3314 and LADWP TAP 1-800-544-4498, selection "3".

For more information related to beneficial reuse of groundwater, please contact Greg Reed, Manager of Water Rights and Groundwater Management, at (213)367-2117 or greg.reed@ladwp.com.

SOLID RESOURCE REQUIREMENTS

The City has a standard requirement that applies to all proposed residential developments of four or more units or where the addition of floor areas is 25 percent or more, and all other development projects where the addition of floor area is 30 percent or more. Such developments must set aside a recycling area or room for onsite recycling activities. For more details of this requirement, please contact LA Sanitation Solid Resources Recycling hotline 213-922-8300.

CD/AP:aj

Attachment: Figure 1 – Sewer Map

c: Kosta Kaporis, LASAN
Abdulsamad Danishwar, LASAN
Christopher DeMonbrun, LASAN

Wastewater Engineering Services Division
Bureau of Sanitation
City of Los Angeles

Figure 1
1045 Olive Project
Sewer Map

Thomas Brother Data reproduced with permission granted by THOMAS BROS MAP

Connect Create Collaborate

Sarah Molina-Pearson <sarah.molina-pearson@lacity.org>

ENV-2016-4630-EIR

1 message

Yvette Whitaker <yvette.x.whitaker@lacity.org> Mon, Jan 29, 2018 at 10:43 AM
To: Sarah Molina-Pearson <sarah.molina-pearson@lacity.org>, Planning Major Projects <Planning.MajorProjects@lacity.org>, Planning Expedited <planning.expedited@lacity.org>

Attached, please find the Fire Departments Recommendations for the above listed Environmental Impact Report.

Feel free to call me at (213) 482-6811 should you need any additional information.

Thank you.

**********"Liability Notice"

****

Absolutely no alterations, changes or modifications are to be made to this document, unless done so specifically by Los Angeles Fire Department personnel. No verbal changes will ever be allowed. If any changes are subsequently made, you will be held liable.

–
Yvette Whitaker, Senior Administrative Clerk
Los Angeles City Fire Department
Fire Development Services
201 N. Figueroa, Suite 300
Los Angeles, CA 90012

Phone: (213) 482-6811
Fax: (213) 482-6922
yvette.x.whitaker@lacity.org

www.lafd.org/customer-survey

ENV-2016-4630-EIR 01-21-2018 R. Duff.doc
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ORM. GEN. 160 (Rev. 6-80)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

January 21, 2018

To: Vincent Bertoni, AICP, Director of Planning
Department of City Planning
Attention: Sarah Moina Pearson

From: Fire Department

Subject: Notice of Preparation of Environmental Impact Report

CASE NO.: **ENV-2016-4630-EIR**
PROJECT NAME: **1045 Olive Project**
PROJECT APPLICANT: **1045 Olive, LLC**
PROJECT LOCATION: **1033-1057 S. Olive Street, Los Angeles, CA 90015**

PROJECT DESCRIPTION

The Project includes the removal of four existing commercial buildings and the construction of a mixed-use high-rise building not to exceed 751,777 square feet containing a maximum of 794 residential units and 12,504 square feet of commercial uses located at the ground and mezzanine levels. At 70 stories, with a 61-story tower above a nine-story podium structure, the Project would reach up to 810 feet in height. Neighborhood serving commercial uses and a residential lobby would front along 11th Street and Olive Street. A public plaza space would be located at the corner of 11th Street and Olive Street. In addition, the Project would provide up to 100,652 square feet of amenity/open space area for its residents located above the podium structure, at mid-tower, on a roof terrace and within private balconies. Vehicle and bicycle parking would be provided per requirements of the LAMC within up to six (6) subterranean levels and eight (8) partial levels above grade (the fifth through ninth levels will contain residential units and other active uses along the perimeter of the Podium along the 11th Street and Olive Street frontages). The maximum floor-area ratio (FAR) for the Transit Area Mixed-Use Project would be 13:1. Project construction would take place in a single phase anticipated to begin in 2019 with Project buildout projected for 2023. To provide for the new development, approximately 80,520 cubic yards of soil would be excavated, all of which is expected to be exported off site

The following comments are furnished in response to your request for this Department to review the proposed development:

FIRE FLOW:

The adequacy of fire protection for a given area is based on required fire-flow, response distance from existing fire stations, and this Department's judgment for needs in the area. In general, the required fire-flow is closely related to land use. The quantity of water necessary for fire protection varies with the type of development, life hazard, occupancy, and the degree of fire hazard.

Fire-flow requirements vary from 2,000 gallons per minute (G.P.M.) in low density residential areas to 12,000 G.P.M. in high-density commercial or industrial areas. A minimum residual water pressure of 20 pounds per square inch (P.S.I.) is to remain in the water system, with the required gallons per minute flowing. The required fire-flow for this project has been set at **4,000 G.P.M. from four adjacent fire hydrants flowing simultaneously.**

Improvements to the water system in this area may be required to provide 4,000 G.P.M. fire-flow. The cost of improving the water system may be charged to the developer. For more detailed information regarding water main improvements, the developer shall contact the Water Services Section of the Department of Water and Power.

RESPONSE DISTANCE:

Based on a required fire-flow of 4,000 G.P.M., the first-due Engine Company should be within 1 ½ mile(s), the first-due Truck Company within 1 ½ mile(s).

FIRE STATIONS:

The Fire Department has existing fire stations at the following locations for initial response into the area of the proposed development:

DISTANCE		SERVICES AND EQUIPMENT	STAFF
0.8	**Fire Station No. 10** 1335 S. Olive Street Los Angeles, CA 90015	Task Force Truck and Engine Company Paramedic Rescue Ambulance EMT Rescue Ambulance	14
1.0	**Fire Station No. 9** 430 E. 7th Street Los Angeles, CA 90014	Task Force Truck and Engine Company Paramedic Rescue Ambulance Battalion 1 Headquarters	12
1.6	**Fire Station No. 11** 1819 W. 7th Street Los Angeles, CA 90057	Task Force Truck and Engine Company Paramedic Rescue Ambulance	14
1.6	**Fire Station No. 3** 108 N. Fremont Avenue Los Angeles, CA 90012	Task Force Truck and Engine Company Paramedic Rescue Ambulance EMT Rescue Ambulance - Division Headquarters	16
2.1	**Fire Station No. 13** 2401 W. Pico Blvd. Los Angeles, CA 90006	Single Engine Company Paramedic Rescue Ambulance	9

Based on these criteria (response distance from existing fire stations), fire protection would be considered **adequate**.

The Department is concerned that the proposed project could have a cumulative impact on fire protection services; and therefore request/recommends that the Environmental Impact Report (EIR) prepared for this project analyze whether such a cumulative impact on fire protection services will occur.

FIREFIGHTING PERSONNEL & APPARATUS ACCESS:

Access for Fire Department apparatus and personnel to and into all structures shall be required.

One or more Knox Boxes will be required to be installed for LAFD access to project. location and number to be determined by LAFD Field inspector. (Refer to FPB Req # 75).

505.1 Address identification. New and existing buildings shall have approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property.

The entrance to a Residence lobby must be within 50 feet of the desired street address curb face.

Where above ground floors are used for residential purposes, the access requirement shall be interpreted as being the horizontal travel distance from the street, driveway, alley, or designated fire lane to the main entrance of individual units

The entrance or exit of all ground dwelling units shall not be more than 150 feet from the edge of a roadway of an improved street, access road, or designated fire lane.

No building or portion of a building shall be constructed more than 150 feet from the edge of a roadway of an improved street, access road, or designated fire lane.

The Fire Department may require additional vehicular access where buildings exceed 28 feet in height.

2014 CITY OF LOS ANGELES FIRE CODE, SECTION 503.1.4 (EXCEPTION)

a. When this exception is applied to a fully fire sprinklered residential building equipped with a wet standpipe outlet inside an exit stairway with at least a 2 hour rating the distance from the wet standpipe outlet in the stairway to the entry door of any dwelling unit or guest room shall not exceed 150 feet of horizontal travel AND the distance from the edge of the roadway of an improved street or approved fire lane to the door into the same exit stairway directly from outside the building shall not exceed 150 feet of horizontal travel.

b. It is the intent of this policy that in no case will the maximum travel distance exceed 150 feet inside the structure and 150 feet outside the structure. The term "horizontal travel" refers to the actual path of travel to be taken by a person responding to an emergency in the building.

c. This policy does not apply to single-family dwellings or to non-residential buildings.

Building designs for multi-storied residential buildings shall incorporate at least one access stairwell off the main lobby of the building; But, in no case greater than 150ft horizontal travel distance from the edge of the public street, private street or Fire Lane. This stairwell shall extend onto the roof.

Entrance to the main lobby shall be located off the address side of the building.

Any required Fire Annunciator panel or Fire Control Room shall be located within 50ft visual line of site of the main entrance stairwell or to the satisfaction of the Fire Department.

Adequate off-site public and on-site private fire hydrants may be required. Their number and location to be determined after the Fire Department's review of the plot plan.

The Fire Department may require additional roof access via parapet access roof ladders where buildings exceed 28 feet in height, and when overhead wires or other obstructions block aerial ladder access.

5101.1 Emergency responder radio coverage in new buildings. All new buildings shall have approved radio coverage for emergency responders within the building based upon the existing coverage levels of the public safety communication systems of the jurisdiction at the exterior of the building. This section shall not require improvement of the existing public safety communication systems.

Recently, the Los Angeles Fire Department (LAFD) modified Fire Prevention Bureau (FPB) Requirement 10. Helicopter landing facilities are still required on all High-Rise buildings in the City. However, FPB's Requirement 10 has been revised to provide two new alternatives to a full FAA-approved helicopter landing facilities.

Each standpipe in a new high-rise building shall be provided with two remotely located FDC's for each zone in compliance with NFPA 14-2013, Section 7.12.2.

During demolition, the Fire Department access will remain clear and unobstructed.

The Los Angeles Fire Department continually evaluates fire station placement and overall Department services for the entire City, as well as specific areas. The development of this proposed project, along with other approved and planned projects in the immediate area, may result in the need for the following:

1. Increased staffing for existing facilities. (I.E., Paramedic Rescue Ambulance and EMT Rescue Ambulance resources.)
2. Additional fire protection facilities.
3. Relocation of present fire protection facilities.

For additional information, please contact the Fire Development Services Section, Hydrants & Access Unit at **(213) 482-6543.**

RALPH M. TERRAZAS,
Fire Chief

Kristin Crowley, Fire Marshal
Bureau of Fire Prevention and Public Safety

KC:RED:yw

CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

May 8, 2018

To: Vincent Bertoni, AICP, Director of Planning
Department of City Planning
Attention: Sarah Moina Pearson

From: Fire Department

Subject: Notice of Preparation of Environmental Impact Report

CASE NO.: **ENV-2016-4630-EIR**
PROJECT NAME: **1045 Olive Project**
PROJECT APPLICANT: **1045 Olive, LLC**
PROJECT LOCATION: **1033-1057 S. Olive Street, Los Angeles, CA 90015**

PROJECT DESCRIPTION

The Project includes the removal of four existing commercial buildings and the construction of a mixed-use high-rise building not to exceed 751,777 square feet containing a maximum of 794 residential units and 12,504 square feet of commercial uses located at the ground and mezzanine levels. At 70 stories, with a 61-story tower above a nine-story podium structure, the Project would reach up to 810 feet in height. Neighborhood serving commercial uses and a residential lobby would front along 11th Street and Olive Street. A public plaza space would be located at the corner of 11th Street and Olive Street. In addition, the Project would provide up to 100,652 square feet of amenity/open space area for its residents located above the podium structure, at mid-tower, on a roof terrace and within private balconies. Vehicle and bicycle parking would be provided per requirements of the LAMC within up to six (6) subterranean levels and eight (8) partial levels above grade (the fifth through ninth levels will contain residential units and other active uses along the perimeter of the Podium along the 11th Street and Olive Street frontages). The maximum floor-area ratio (FAR) for the Transit Area Mixed-Use Project would be 13:1. Project construction would take place in a single phase anticipated to begin in 2019 with Project buildout projected for 2023. To provide for the new development, approximately 80,520 cubic yards of soil would be excavated, all of which is expected to be exported off site

The following comments are furnished in response to your request for this Department to review the proposed development:

FIRE FLOW:

The adequacy of fire protection for a given area is based on required fire-flow, response distance from existing fire stations, and this Department's judgment for needs in the area. In general, the required fire-flow is closely related to land use. The quantity of water necessary for fire protection varies with the type of development, life hazard, occupancy, and the degree of fire hazard.

Fire-flow requirements vary from 2,000 gallons per minute (G.P.M.) in low density residential areas to 12,000 G.P.M. in high-density commercial or industrial areas. A minimum residual water pressure of 20 pounds per square inch (P.S.I.) is to remain in the water system, with the required gallons per minute flowing. The required fire-flow for this project has been set at **4,000 G.P.M. from four adjacent fire hydrants flowing simultaneously.**

Improvements to the water system in this area may be required to provide 4,000 G.P.M. fire-flow. The cost of improving the water system may be charged to the developer. For more detailed information regarding water main improvements, the developer shall contact the Water Services Section of the Department of Water and Power.

RESPONSE DISTANCE:

Based on a required fire-flow of 4,000 G.P.M., the first-due Engine Company should be within 1 ½ mile(s), the first-due Truck Company within 2 mile(s).

FIRE STATIONS:

The Fire Department has existing fire stations at the following locations for initial response into the area of the proposed development: 133 S. Olive Street

DISTANCE		SERVICES AND EQUIPMENT	STAFF
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2.1	**Fire Station No. 13** 2401 W. Pico Blvd. Los Angeles, CA 90006	Single Engine Company Paramedic Rescue Ambulance	9

Based on these criteria (response distance from existing fire stations), fire protection would be considered **adequate**.

At present, there are no immediate plans to increase Fire Department staffing or resources in those areas, which will serve the proposed project.

FIREFIGHTING PERSONNEL & APPARATUS ACCESS:

Access for Fire Department apparatus and personnel to and into all structures shall be required.

One or more Knox Boxes will be required to be installed for LAFD access to project. location and number to be determined by LAFD Field inspector. (Refer to FPB Req # 75).

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proposed project, along with other approved and planned projects in the immediate area, may result in the need for the following:

1. Increased staffing for existing facilities. (I.E., Paramedic Rescue Ambulance and EMT Rescue Ambulance resources.)
2. Additional fire protection facilities.
3. Relocation of present fire protection facilities.

For additional information, please contact the Fire Development Services Section, Hydrants & Access Unit at **(213) 482-6543.**

RALPH M. TERRAZAS,
Fire Chief

Kristin Crowley, Fire Marshal
Bureau of Fire Prevention and Public Safety

KC:RED:yw

Connect Create Collaborate

Sarah Molina-Pearson <sarah.molina-pearson@lacity.org>

1057 S. Olive Street

1 message

PETER TOUMASIS <toumasis33@me.com>
To: sarah.molina-pearson@lacity.org

Thu, Jan 11, 2018 at 10:37 AM

Dear Sarah,

I am a resident and Board member of the LUMA building at 1100 S. Hope Street. My wife and I purchased our unit in 2007 when the building first opened. Since then, there has been tremendous growth in South Park which is exciting to us and a primary reason we moved to the area. Lately, however, living on 11th Street has become less compelling.

Construction of the MyFig project along 11th Street has gone on far too long and created a tremendous disturbance for residents living along the corridor. Besides the K rails being installed over a year ago, there is construction noise, bottleneck traffic caused by the K rails, and a overall blight living in a construction zone for a year and counting. That brings me to my comments on 1057 S. Olive Street.

While I'm supportive of adding another luxury high-rise on 11th Street, there are several considerations that accompany such a large project.

1. The MyFig project has reduced lanes of traffic on 11th Street in order to add wider sidewalks and a bike lane. This was a great idea eight years ago when there were only Grand Lofts, ELLEVEN, LUMA, and Met Lofts on 11th St. Since that time, Ten50 opened with over 200 units and AEG moved into the building on 11th St. & Hope St. Those two projects added hundreds of extra bodies and cars, but MyFig reduced the traffic lanes which has created a tremendous bottleneck.

2. The City has approved 1130 hotel rooms to be built in order to service the Convention Center. This is also great news. As long as those guests all walk, bike, or use public transportation we should be fine. However, I fear that is not the case. Visitors to DTLA will most likely do some walking, however, they'll probably hire a rental car or use Uber or Lyft at some point. This adds traffic to our already bottlenecked lanes on 11th St. Olympic Blvd. and 12th St. don't have the same issues with traffic because they have multiple lanes.

3. The following buildings are already open or are scheduled to open by 2019. Because 11th St. is one way going East to West, these specific residences are all serviced by 11th St. and adding to the congestion in the area.

1045 S. Olive St. -	794 units
1212 Flower St. -	730 units
E on Grand -	115 units
1120 Grand -	536 units

4. The Herald Examiner building is across the street from the proposed 1057 S. Olive St. project. The renovation of the Examiner building has been going on for years and is scheduled to open later this year or next with a fine dining restaurant on the ground level. I am very much looking forward to the opening. It's a gorgeous property and rumors are the restauranteurs are Walter and Margarita Manzke, who run some of my favorite restaurants in LA. Again, my issue is not with the development of the area, but the reduction of traffic lanes and the increased congestion this will create. The Manzke restaurant will be a destination for all LA residents and I doubt anyone will ride their bikes from Brentwood or take two trains from Encino or ride a bus from Pasadena to get there.

5. The primary LUMA parking entrance and exit is on 11th St. At rush hour, prior to Staples Center events, or during a convention, there is typically standstill traffic in front of our building. I'm not sure where you live, but if your ingress were reduced to one lane that ran one-way and was always (this is not an exaggeration) always at a standstill at rush hour and you couldn't pull into your garage, that could be an issue. Then, if the neighbors demolished their homes and built 30 story condominium units on your one way, one-lane street, that may further hinder your commute. It's an issue, but easily resolved by releasing traffic pressure by doubling the traffic lanes to two. Seems simple enough.

In conclusion, my wife and I are a 'Yes' on building 1057 S. Olive Street with one condition. 11th St. NEEDS to have two traffic lanes because of all of the current and future development will only add to the congestion that is already an issue. Otherwise, all of the residents and businesses along 11th St. will suffer because of the increase in traffic.

Best,

Peter Toumasis
424 333 2333

ENVIRONMENTAL ISSUES & IMPACTS

What key issues or potential impacts of concern should be analyzed in the Environmental Impact Report?

- ☐ Aesthetics
- ☐ Agriculture and Forest Resources
- ☐ Air Quality
- ☐ Biological Resources
- ☐ Cultural Resources
- ☐ Geology and Soils
- ☐ Greenhouse Gas Emissions
- ☐ Energy
- ☐ Hazards and Hazardous Materials
- ☐ Hydrology/Water Quality
- ☐ Land Use and Planning
- ☐ Mineral Resources
- ☐ Noise
- ☐ Population and Housing
- ☐ Public Services
- ☐ Recreation
- ☐ Traffic/Transportation
- ☐ Tribal Cultural Resources
- ☐ Utilities/Service Systems

Note: Any identifying information provided will become part of the public record and, as such, must be released to any individual upon request.

Written Comment Form

Use the space below to comment on areas of concern regarding the scope and content of the Draft EIR, and offer potential alternatives and/or measures to avoid or reduce environmental impacts.

I LIKE THE GENERAL CONCEPT OF THE PROJECT AND THE AESTHETICS

I AM CONCERNED THAT BUILDING THAT GETS BUILT MAKE LOOK VERY DIFFERENT AFTER THE VALUE ENGINEERING PROCESS AND THAT WOULD BE UNFORTUNATE.

SOME OF THE STRUCTURAL MOVES WOULD ADD A GREAT COST TO THE PROJECT AND IT WOULD BE UNFORTUNATE IF THE PROJECT WERE TO LOSE THE UPPER TOWER POOLS AND THE HIGH PLAZA AT OLIVE & GRAND

CONTACT INFORMATION (Optional, please print clearly)

Name: BEN LEVIN Representing Agency or Organization: _____

Address: 1050 S GRAND 1703 City/State/Zip: LA CA 90015

We need your input!

Please take a few minutes to provide your comments and return the completed form to the Department of City Planning. Comments must be provided in writing and can be submitted either at the scoping meeting, by email to sarah.molina-pearson@lacity.org

The purpose of the scoping process is to identify public and agency concerns, define the issues that will be examined in the Environmental Impact Report (EIR), and help to identify project impacts, alternatives, and mitigation measures that can lessen the significant environmental impacts from both temporary construction activities and long-term operation of the proposed Project.

The deadline for submitting comments is Thursday January 19, 2018. All written comments submitted will be considered during preparation of the Draft EIR, which will be available for public review at a later date. The Initial Study is available for review at the Department of City Planning, 200 N. Spring St., Rm 750, LA, CA 90012 and online at: online at http://planning.lacity.org by clicking on the "Environmental" tab, then "Notice of Preparation & Public Scoping Meetings."

Tape Here

Attn: Sarah Molina Pearson
RE: ENV- ENV-2016-4630-EIR
Department of City Planning
City of Los Angeles
200 N Spring St, Rm 750
Los Angeles, CA 90012

Public Scoping Meeting

Project Name: 1045 Olive Project

Case No.: ENV-2016-4630-EIR

Project Location: 1045 Olive Street

Community Planning Area: Central City Community Plan

Council District: CD 14, Jose Huizar

Due Date for Public Comments: January 19, 2018

ENVIRONMENTAL ISSUES & IMPACTS

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- ☐ Greenhouse Gas Emissions
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- ☐ Hazards and Hazardous Materials
- ☐ Hydrology/Water Quality
- ☐ Land Use and Planning
- ☐ Mineral Resources
- ☐ Noise
- ☐ Population and Housing
- ☐ Public Services
- ☐ Recreation
- ☑ Traffic/Transportation Alley
- ☐ Tribal Cultural Resources
- ☐ Utilities/Service Systems

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Written Comment Form

Use the space below to comment on areas of concern regarding the scope and content of the Draft EIR, and offer potential alternatives and/or measures to avoid or reduce environmental impacts.

I CURRENTLY LIVE/OWN IN 1050 S GRAND WHICH SHARES THE ALLEY WITH THE PROPOSED GIANT BUILDING — AS WELL AS 2 OTHER APARTMENT/RENTAL BUILDINGS. THE ALLEY IS OUR ONLY CAR ENTRANCE AND CURRENTLY BUSY. ADDITIONAL TRAFFIC WILL MAKE IT CRAZY FOR US AND THE TENENTS OF THE NEW BUILDING. CARS ENTERING NEW BUILDING NEED TO ACCESS VIA OLIVE. YIKES! 785 MORE CARS! PLEASE PLAN WITH THIS IN MIND.

CONTACT INFORMATION (Optional, please print clearly)

Name: ENID Nilsson Representing Agency or Organization: _____

Address: 1050 S GRAND AVE #1201 City/State/Zip: LA/CA 90015

We need your input!

Please take a few minutes to provide your comments and return the completed form to the Department of City Planning. Comments must be provided in writing and can be submitted either at the scoping meeting, by email to sarah.molina-pearson@lacity.org

The purpose of the scoping process is to identify public and agency concerns, define the issues that will be examined in the Environmental Impact Report (EIR), and help to identify project impacts, alternatives, and mitigation measures that can lessen the significant environmental impacts from both temporary construction activities and long-term operation of the proposed Project.

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Tape Here

Attn: Sarah Molina Pearson
RE: ENV- ENV-2016-4630-EIR
Department of City Planning
City of Los Angeles
200 N Spring St, Rm 750
Los Angeles, CA 90012

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Public Scoping Meeting

Project Name: 1045 Olive Project

Case No.: ENV-2016-4630-EIR

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Community Planning Area: Central City Community Plan

Council District: CD 14, Jose Huizar

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- ☐ Utilities/Service Systems

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Written Comment Form

Use the space below to comment on areas of concern regarding the scope and content of the Draft EIR, and offer potential alternatives and/or measures to avoid or reduce environmental impacts.

CONTACT INFORMATION (Optional, please print clearly)

Name: JOHN NILSSON Representing Agency or Organization: Nearby Resident

Address: 1050 S. GRAND AVE. #1201 City/State/Zip: LA, CA 90015

Serious consideration should be given to the sheer size of the proposed project (70 stories and almost 800 living units, and over 900 required parking spaces)

1. The project as proposed will literally double the number of living units on the block enclosed by Olympic, Olive, 11th , and Grand resulting in serious impact on air quality, noise, population and Traffic/Transportation. While I am in favor of more population density in the South Park Area the scale of this project will create many problems with the neighborhood. This project as proposed is drastically oversized and out of character. Perhaps a project of 500 units or fewer would be less problematic.
2. Special consideration should be made of traffic issues. 900 additional parking spaces on ¼ of the block will obviously result in many traffic issues for the neighborhood. Also, the current proposal calls for the loading dock and a major parking structure entrance to be in the existing alleyway between the proposed building and the 1050 Grand Ave. project. From personal experience, I know this alleyway to be overstressed as it currently exists. This alleyway is too narrow to handle truck traffic and loading/unloading traffic and also provide access to parking structures of the currently existing buildings. The proposed project will have 100% rental tenants which means that heavy move-in/move-out activities and resultant truck traffic will be a daily, year around occurrence. Loading docks and parking structure access should be only accessed from Olive and 11th Ave. and <u>not</u> through the alleyway.
3. There are currently over 18,000 residential rental units planned or coming on line soon in downtown between 7th Ave on the north and and Pico on the south. Supply currently exceeds demand and many existing units are vacant. What is needed in South Park is more ownership units. Demand is high and there is very little existing and planned supply in the pipeline. Ownership units would be better for the neighborhood as these would bring stability and greater neighborhood strength through pride of ownership – a factor lacking in high rental neighborhoods.
4. It's time to consider a K-12 school for Downtown LA. Young couples who want to live downtown are forced to move out of the downtown area when their children reach school age. If we want to stabilize our Downtown population base, we must provide affordable public education for our residents.
5. This project must provide public access green space

APPENDIX B
Aesthetics Tables

APPENDIX B
Aesthetics Tables

AESTHETICS TABLE - 1
COMPARISON OF PROJECT CHARACTERISTICS TO APPLICABLE POLICIES AND OBJECTIVES OF THE GENERAL PLAN FRAMEWORK ELEMENT

Policy or Objective	Project Characteristics
Urban Form and Neighborhood Design	
Objective 5.2: Encourage future development in centers and in nodes along corridors that are served by transit and are already functioning as centers for the surrounding neighborhoods, the community or the region.	The purpose of the Urban Form and Neighborhood Design Chapter is two-fold: first to support the population distribution principles of the General Plan Framework through proper massing and design of buildings and second to reduce adverse impacts to the aesthetic/scenic quality of the City. The Project would be located in a Transit Priority Area within the Downtown Center (a designated Regional Center); with transit accessibility via Metro's Light Rail, existing bus lines, and the future L.A. Downtown Streetcar route.
Objective 5.5: Enhance the livability of all neighborhoods by upgrading the quality of development and improving the quality of the public realm.	The Project would include features to reduce adverse impacts on the aesthetic/scenic quality of the area and avoid the creation of adverse conditions that would make use of the public realm problematic. The Project would improve the public realm through increased street trees, wider sidewalks, lighting, and a 2,728-square-foot Plaza. The Plaza would provide landscaping, seating, and public art. The new development would include lower level facades that are compatible with adjacent, pedestrian oriented uses, and provide a distinctive tower architecture that would add interest to the Downtown skyline.
Objective 5.8: Reinforce or encourage the establishment of a strong pedestrian orientation in designated neighborhood districts, community centers, and pedestrian-oriented subareas within regional centers, so that these districts and centers can serve as a focus of activity for the surrounding community and a focus for investment in the community.	The Project's uses and design would support pedestrian activity thereby supporting reductions in vehicle miles traveled and adverse aesthetic impacts. The Project would be located in the Downtown Center (a Regional Center). The Project would provide commercial uses that would be accessible from the sidewalk. In addition, the Project would add new street trees and landscaping in the Plaza, adjoining the sidewalk and available to the public. The increase in trees, special paving in the Plaza, seating, wider sidewalk along W. 11th Street, and other features would create an aesthetically pleasing environment that would attract and activate

Policy or Objective	Project Characteristics
	pedestrian activity and enhance the area as a focus of activity and investment for the region.
Policy 5.8.1: Buildings in pedestrian-oriented districts and centers should have the following general characteristics: ○ An exterior building wall high enough to define the street, create a sense of enclosure, and typically located along the sidewalk; ○ A building wall more-or-less continuous along the street frontage; ○ Ground floor building frontage designed to accommodate commercial uses, community facilities, or display cases; ○ Shops with entrances directly accessible from the sidewalk and located at frequent intervals; ○ Well lit exteriors fronting on the sidewalk that provide safety and comfort commensurate with the intended nighttime use, when appropriate; ○ Ground floor building walls devoted to display windows or display cases; ○ Parking located behind the commercial frontage and screened from view and driveways located on side streets where feasible; ○ Inclusion of bicycle parking areas and facilities to reduce the need for vehicular use; and ○ The area within 15 feet of the sidewalk may be an arcade that is substantially open to the sidewalk to accommodate outdoor dining or other activities.	The Project would be consistent with the proposed general characteristics, thereby avoiding adverse impacts to the quality of the environment and discouraging the environmental benefits of increased pedestrian activity, as follows: ○ The exterior wall of the Podium would be located along the sidewalk defining the street edge along the adjacent streets. ○ The Project would provide a continuous building wall along adjacent streets with sufficient required varied design elements, with openings only for the public Plaza entrance, residential lobby entrances, and commercial uses. ○ The ground floor frontages would be predominantly utilized for commercial/retail uses and a residential lobby. ○ Commercial/retail uses would be directly accessible from W. 11th Street and the corner Plaza and the residential lobby would be accessed from S. Olive Street. ○ The Project would provide well-lit exteriors in accordance with code and Design Guide requirements fronting on the sidewalk that provide pedestrian safety and comfort, commensurate with the intended use. ○ Ground floor commercial uses would include clear windows, with views into building interiors. ○ Parking would be located within the subterranean parking structure or Podium and would not be visible from the public right-of-way. ○ The Project would provide short-term and long-term bicycle parking in accordance with the City's bicycle parking ordinance. ○ The Project would not provide for an arcade along the public sidewalk. However, a 49'-10" by 54'-10" (2,728 square feet) landscaped Plaza would be provided within a setback from the street corner. The Plaza would meet the intent of this policy to support pedestrian activity along the street front with publically available open space.
Policy 5.8.4: Encourage that signage be designed to be integrated with the architectural character of	The Project would avoid adverse aesthetic impacts that can occur from poorly designed and/or

Policy or Objective	Project Characteristics
the buildings and convey a visually attractive character	incompatible signage. The Project's signage for street level commercial uses and building identification would be attractively designed and integrated into the architecture of the building.
Open Space and Conservation Chapter	
Objective 6.4 Ensure that the City's open spaces contribute positively to the stability and identity of the communities and neighborhoods in which they are located or through which they pass. **Policy 6.4.8.a:** Encourage the development of public plazas, forested streets, farmers markets, residential commons, rooftop spaces and other places that function like open space in urbanized areas of the City with deficiencies of natural open space, especially in targeted growth areas.)	**Consistent.** This Objective and the related Policy establish a strategy whereby the overall availability of open space within the City can be enhanced in part through contributions of private development for visual relief and reduction in demand for the use of other public park facilities. The Project would provide a ground level Plaza available to the public with seating, public art and landscaping. The Project would also include common open space and recreational amenities for Project residents including residential terraces (37,927 square feet) along with new canopy street trees and other landscaping, and prominent building cutouts, and would add to the visual quality and visual relief in the Project area.
Transportation	
Policy 8.3.13: Enhance pedestrian circulation in neighborhood districts, community centers, and appropriate locations in regional centers and mixed-use boulevards.	Enhancement of the aesthetic character of development along pedestrian corridors is an important component in the creation of pedestrian facilities that encourage walking as a mode of transportation. The Project would include a 2,728 square feet of public Plaza at the corner of W. 11th Street and S. Olive Street, along with 12,504 square feet of commercial (restaurant/retail) uses along W. 11th Street and S. Olive Street. The Project would provide streeetscape amenities, street trees, and a wider sidewalk along 11th Street that would enhance pedestrian circulation. Vehicle access to the Project Site would be distributed to three driveways, two of which are located off of the alley behind the Project Site, thus requiring only one new curb-cut on Olive Street.

SOURCE: ESA, 2019.

AESTHETICS TABLE - 2
COMPARISON OF PROJECT CHARACTERISTICS TO APPLICABLE STANDARDS/GUIDELINES OF THE DOWNTOWN DESIGN GUIDE

Standards/Guidelines	Project Characteristics
Section 3. Sidewalks and Setbacks	
A. Sidewalks	
Design sidewalks that are walkable and accommodate a variety of uses in the Walkway Zone.	
1. Provide the sidewalk width required by the Downtown Street Standards through sidewalk easements.	The Project would be consistent with the Downtown Street Standards, which require a 17-foot sidewalk along S. Olive Street and a 12-foot, plus 3-foot easement (total of 15 feet) along W. 11th Street.
3. Provide a Walkway Zone with a 3-foot wide continuous path of travel pursuant to California Code of Regulations, Title 24, for compliance with Americans with Disabilities Act (ADA) accessibility requirements.	The sidewalk widths would accommodate 3-foot-wide continuous path of travel, which would be in compliance with ADA accessibility requirements.
4. Outdoor dining may occur on any portion of the paved sidewalk provided it does not obstruct the minimum required continuous path of travel.	Adequate space is available along both sidewalks, including a 5-foot setback at the commercial entrance on W. 11th Street, as well as a 49'-10" x 54'-10" (2,728 square-foot) Plaza that would accommodate outdoor seating.
5. Sidewalks shall provide both minimum Walkway Zone and Parkway Zone widths as listed in Table 3-1 (6-foot minimum walkway zone and 7-foot minimum parkway zone).	Adequate space is available along both sidewalks, including a 5-foot setback at the commercial entrance on W. 11th Street, as well as a 49'-10" x 54'-10" (2,728 square-foot) Plaza that would accommodate outdoor seating.
6. Directly adjacent to curbside parking, provide an 18-inch wide convenience strip with a walkable surface next to the 6-inch curb. Walkable surfaces include, but are not limited to, decomposed granite, permeable pavers, and plants that can withstand pedestrian traffic (see Section 9.H.7 for example plants). If no curbside parking or loading is provided, the convenience strip is not required. The convenience strip is not required to wrap around parkways or tree wells, but must be provided through driveways and should end at the edge of the "detectable warning dome" mat in the ADA ramp area.	An existing curbside parking lane is provided along S. Olive Street. Even though no stopping within the parking lane is permitted during the afternoon peak hour, parking is permitted during other parts of the day.
Design continuous parkways to accommodate and support large street trees and to collect stormwater, where feasible.	
7. Provide continuous landscaped parkways, except in locations determined by DCP staff to be inappropriate for parkways. The continuous landscaped parkways should be designed to collect and retain or treat runoff	The Project would incorporate landscaped parkways along W. 11th Street and S. Olive Street in all locations appropriate for parkways. Proposed street trees would form a continuous canopy at maturity.

Standards/Guidelines	Project Characteristics
from, at a minimum, the sidewalk and, if approved by BOE, adjacent on-site, ground level open space in accordance with Low Impact Development (LID) Ordinance requirements.	
8. Where there is curbside parking, provide one 3-foot wide walkway or walkable surface for every two parking spaces. The walkway shall provide pedestrian access from the sidewalk through the parkway to curbside parking.	A curbside parking lane is provided along S. Olive Street. Even though no stopping within the parking lane is permitted during the afternoon peak hour, stopping is permitted during other times of the day.
9. Parkways shall be sloped downward to the center of the parkway to form a shallow swale to collect sidewalk stormwater. Alternative means of storing runoff, such as gravel sumps within the parkway, may be provided. A vertical drop of 4 inches or greater is not permitted.	Bioswales would be located in sections of the parkway to collect stormwater runoff. The depth dimensions would be consistent with Code requirements and not exceed a drop of 4 inches.
10. The roots of trees planted in the parkway shall not be restricted by concrete curbs, root barriers or other means within the parkway, so that roots may extend throughout the parkway and support a large, healthy tree canopy. As such, street light conduit, meter boxes, and other subsurface utilities shall be located either 1) in the walkway zone, or 2) adjacent to back of curb within the parkway.	Any street light conduit, meter boxes, or other subsurface utilities would be installed at the curb edge or at the back of the walkway zone in order to avoid root growth areas within the parkway.
11. All plantings shall be installed per BOE standards. If parkways are designed to collect stormwater from the street as well as from the sidewalk, they shall be designed according to the BOE Green Streets guidelines or standards.	All sidewalk plantings would conform to BOE standards, including locations, species, and engineered features.
16. Tree wells shall be sloped downward to the center per BOE Standard Plan S-450.	Tree wells and covers would be sloped downward toward the tree center, per BOE Standard Plan S-450.
B. Setbacks	
Provide setbacks appropriate to the adjacent land use and district.	
1. Provide setbacks as defined in Table 3-2 and Figure 3-1: ○ Adjacent to retail (either on Retail Streets or adjacent to ground floor space designed for retail use in other locations), the building street wall (as defined in Table 6-1) shall be located at or within a few feet of the back of	With exception of the corner Plaza, the building street wall at W. 11th Street (a designated Retail Street), would be at the sidewalk edge, with a limited setback of 5 feet at the commercial entrance. The building wall along S. Olive Street (commercial frontage) would be at the sidewalk edge, with a

Standards/Guidelines	Project Characteristics
the required average sidewalk width (0/0-5' for retail) o Adjacent to ground floor space designed for other uses, buildings shall be set back from the back of the required sidewalk to provide a buffer between the sidewalk and building as specified in Table 3-1 (2/0-5').	setback of 5 feet at the entrance to the residential lobby.
2. Treatment of the setback required in Table 3-1 and Figure 3-2 will vary with the use for which the ground-floor is designed: Setbacks adjacent to retail, if any, shall be primarily hardscape and may be used for outdoor dining and other commercial activities.	The setbacks at the commercial (retail/restaurant) entrance on W. 11th Street and residential entrance on S. Olive Street would be hardscape and continuous with the sidewalk. The restaurant entrance setback would potentially accommodate sidewalk dining.
Section 4. Ground Floor Treatment	
A. Ground Floor Treatment along All Streets	
1. A building's primary entrance, defined as the entrance which provides the most direct access to a building's main lobby, shall be located on a public street. Generally, with the exception of secured residential entrances, the primary entrance shall be kept unlocked during business hours.	Commercial (restaurant/retail) entrances on W. 11th Street and via the public Plaza would be located along the public street. The main entrance to the residential lobby would be directly accessed from S. Olive Street. The restaurant/retail entrances would be unlocked during business hours.
2. At least one building entrance, which may be either a building or tenant/resident entrance, shall be provided along each street frontage. Additional entrances may be located on a courtyard, plaza or paseo that is connected to and visible from a public street.	The main pedestrian restaurant entrance would be directly accessed from W. 11th Street and the main pedestrian residential lobby entrance would be directly accessed from S. Olive Street. Other restaurant/retail entrances would also be accessed directly from the corner Plaza which is located at grade with and visible from both W. 11th Street and S. Olive Street.
Incorporate a pedestrian-oriented scale at the street level, with strongly articulated street fronts and high-quality materials.	
3. Street wall massing, articulation and detail, street level building entrances and storefront windows and doors, as well as the use of quality materials and decorative details, shall be used to promote pedestrian-scaled architecture along the street.	Street walls would be located at the sidewalk edge. The Project's architectural features are intended to create dimension and visual interest at ground level and throughout the Podium and tower design. For instance, the Plaza entrances would be enhanced by several vine planters that would create a three dimensional landscape feature at a primary building entrance. A graphic pattern across sections of the Podium façade would be created by overlying pre-cast concrete panels, or screening. At ground level along S. Olive Street and W. 11h Street, the large cutout Plaza area would provide visual access to large, clear windows into the adjacent storefronts. and would create articulated massing. The limited use of double "skin" (the overlying panels and the widow wall) would deepen and frame the windows for

Standards/Guidelines	Project Characteristics
	interest; storefronts/active areas would be mostly glass to relate interior and exterior building components; and direct access to restaurant/retail components of the building would be provided to S. Olive Street and W. 11th Street. The artistic graphic pattern at ground level (and continuing into the Podium wall) would contribute to the pedestrian-scale of the building's architectural detail.
4. Provide well-marked entrances to cue access and use. Enhance all public entrances with the use of compatible architectural or graphic treatment.	Street and Plaza entrances would be at grade and distinguished by setbacks from the sidewalk and by the placement of graphic concrete panels. See discussion re Plaza entrances, above.
5. The treatment of primary building entrances or lobbies for mixed-use buildings shall be accentuated and differentiated from other building uses at the streetfront (including retail storefronts, restaurants, and commercial entrances) through changes in building massing, material, treatment, or articulation.	The Project occupies the half block of W. 11th Street, between S. Olive Street and S. Grand Avenue and is separated from the street front of the adjacent TEN50 Grand Building by a public alley. Although the sidewalk treatment under the MyFigueroa Streetscape Project would be similar, the Project would be distinguished from the adjacent buildings by its unique architectural styling (concrete panel overlay) and corner Plaza, which occupies more than 1/3rd of the Project's W. 11th Street frontage. Visual separation adjacent to the TEN50 Grand Building is also created by the open alley. The TEN50 Grand building has greater massing along W. 11th Street than the Project with its 20 story element located adjacent to the Project's lower Podium and substantially recessed tower. Further, the horizontal lines of the Project's residential balconies facing W. 11th Street would add vary from the more plane-like façade of the TEN50 Grand Building. The Project's residential component, would be located adjacent to the seven story Oakwood apartment building to the north on S. Olive Street. The uses would be distinguishable by the Project's unique architectural theme and the separation created by the Project's 24-foot wide driveway entrance, and an additional 25 feet (49 feet in total) between the Project's residential entryway and the adjacent building. In addition to building height and mass, the styling of the buildings would be different in that the neighboring property features individual street entrances for street level units; whereas, the Project's S. Olive Street frontage would feature the major residential entrance for the Project and further down the street, active restaurant/retail uses. The Project's taller Podium and tower across form the Oakwood Apartment building would provide variation in massing along the street frontage.

Standards/Guidelines	Project Characteristics
6. Architectural features that reinforce the retail character of the ground street wall and help define the pedestrian environment along the sidewalk, such as canopies, awnings, and overhangs, should be integrated into the architecture of the building.	The Project's ground level retail/restaurant uses would be distinguished with a sidewalk setback along W. 11th Street, the covered Plaza entrance, the configuration of panels, signage, and other features. The double building skin at the ground level would incorporate cutouts to allow views through clear glass windows at the wall level behind the setback of main entries of the retail space. In addition, in the Plaza area and along S. Olive Street, the residential balconies, which are incorporated into the building design, would provide a strong horizontal feature, overhanging and framing the commercial uses.
Don't waste valuable street frontage on "back of house" uses associated with the proposed building.	
8. Electrical transformers, mechanical equipment and other equipment shall not be located along the ground floor street wall, unless as required by Department of Water and Power (DWP) or other City agencies.	Mechanical equipment, electrical transformers, or other equipment would be located within the building and not be located along the ground floor street wall.
9. Electrical transformers, mechanical equipment, other equipment, enclosed stairs, storage spaces, blank walls, and other elements that are not pedestrian-oriented shall not be located within 100 feet of the corner on north-south streets and within 50 feet of the corner on east-west streets.	No mechanical equipment, enclosed stairs, storage spaces, blank walls, or other elements that are not pedestrian-oriented would be located within 100 feet of the S. Olive Street corner, or within 50 feet of the W. 11th Street corner.
B. Ground Floor Treatment along Retail Streets	
1. On Retail Streets, ground floor space with a linear frontage equal to at least 75% of street frontage, as specified in Figure 3-1, shall be designed to accommodate active uses. o Required ground floor active or retail space may be located along the required street wall or along a courtyard or plaza, provided the retail frontage is not more than 60 feet from the back of sidewalk and is visible from the sidewalk. o Ground floor active or retail spaces may be provided on streets that are not designated as Retail Streets in Figure 3- 1.	The Project's active commercial uses would occupy all of the street front on W. 11th Street (a Retail Street), including the Plaza's W. 11th Street wall. All of the commercial uses are visible from the sidewalk and none of the commercial frontage is more than 60 feet from the back of sidewalk. Active commercial uses also wrap around the W. 11th Street and S. Olive Street corner to front on S. Olive street, as allowed under this provision.
2. The ground floor space along street intersections shall be designed specifically for active uses. When a building is facing a street intersection, active uses shall be provided within the first 100 feet (in the	The ground floor space near the street intersection would be designed specifically for active uses. The active restaurant/retail, residential lobby and leasing office uses would occupy approximately 219 feet (including the Plaza) in the north-south direction

Standards/Guidelines	Project Characteristics
north-south direction) or 150 feet (in the east-west direction) of that intersection. Mid-block ground floor space may be designed for active uses.	along S. Olive Street, and restaurant/retail uses would occupy 136 feet, 5 inches (including the Plaza and excluding egress stairs) in the east-west direction along W. 11th Street, relative to the S. Olive Street/ W. 11th Street intersection. As such, the Project would exceed the minimum active uses frontage requirement.
3. Where Retail Streets intersect other streets, the ground floor retail space should wrap the corner onto the intersecting streets.	The Project's restaurant/retail uses would wrap around the corner from W. 11th Street (a Retail Street) onto S. Olive Street (a non-Retail Street).
4. Required ground floor active retail space shall be provided to a depth of at least 25 feet from the front façade and shall include an average 14-foot floor-to-ceiling height. The ground floor retail space may be occupied by other uses initially, but shall be able to accommodate retail uses in the future when there is demand for such uses.	Ground level restaurant uses or retail uses would occupy most of the Podium ground level frontage along W. 11th Street and much of the frontage along S. Olive Street. Ceiling heights would exceed 14 feet. Although anticipated for restaurant uses, commercial space could also accommodate retail uses if there is greater demand.
5. and 6. The primary entrance to each street-level tenant space that has its frontage along a public street shall be provided from that street. The primary entrance to each street-level tenant that does not have its frontage along a public street shall be provided from a pedestrian paseo, courtyard or plaza, which is connected to the public street.	The primary commercial entrances would be located along W. 11th Street and S. Olive Street; and the primary entrance to the residential lobby would be located along S. Olive Street. Other entrances to the commercial uses are within the Plaza entrance, with is directly connected to the public street.
7. Wall openings, such as storefront windows and doors, shall comprise at least 75% of a building's street level façade.	Wall openings, including doors and windows occupy more than 75% of the Project's street level facades along W. 11th Street and S. Olive Street.
8. Clear glass for wall openings, shall be used along all street-level façades for maximum transparency, especially in conjunction with retail uses. Generally, clear glass is defined as clear or Low-Iron glass (no tint) with less than 11 percent Visible Light Reflectance and 55 percent or more Visible Light Transmittance.	Windows used along the street level facades would be clear glass for maximum transparency.
C. Ground Floor Treatment along Other Streets	
Design ground floor space facing other streets to accommodate habitable space and to avoid blank walls and visible parking.	
1. Along other streets, at least 75% of the ground floor street frontage shall be designed to accommodate either active uses (as defined in 4.B.1) or residential units with individual entries along the street.	This standard applies to non-retail streets. The Project is located within a mixed use setting with retail and residential uses within the vicinity. Notwithstanding, the Project would include large store/activated area, with controlled use of concrete paneling on the ground floor and use of glass for restaurant/retail uses and activated components of the residential frontage and entry on S. Olive Street.

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2. The ground floor treatment of active uses, not including residential units with individual entries, should be similar to that of retail space, except that wall openings shall comprise at least 50% of the street level façade	The Project would include limited concrete paneling on the ground floor, including areas in front of residential/resident-entry area. Large glass areas would be used for store fronts and other active areas.
Section 5. Parking and Access	
A. All Parking and Access	
Locate parking, loading and vehicular circulation to minimize its visibility.	
1. Parking required for a project shall be integrated into the project it serves. Public parking may be either a freestanding structure or integrated into a project, provided it is clearly signed as public parking.	Parking would be located on-site within six subterranean levels below the Podium and within eight partial levels in the Project's Podium. As such, parking would be fully integrated into the Project.
2. Except for the minimum ground-level frontage required for access to parking and loading, no parking or loading shall be visible on the ground floor of any building façade that faces a street.	No parking or loading would be visible on the ground floor from within the right-of-way along W. 11th Street or S. Olive Street.
3. Parking Podiums are discouraged in Downtown, however all above-ground parking shall be integrated into the design of the building façade so that it is not visible from the street. The parking levels must be enclosed by the curtain wall ("skinned") or, as determined by DCP staff, by other enhanced materials ("screened") to minimize the appearance of the parking level.	The Project's Podium would be integrated into the architectural style and detailing of the Project. The facade of the parking levels would be the same pre-cast concrete panels provided along the perimeter of the Podium and as a design feature of the Project. The panels would be porous, allowing for the flow of air through the parking levels, while obscuring views of the parked vehicles. The panels would create a graphic pattern over the building surface. Further, upper levels of the Podium facing Olive and 11th Streets would be lined with dwelling units.
4. Three levels of Podium parking shall be the maximum permitted when deemed appropriate by DCP staff. Any parking level above the 3rd parking level fronting on a public street must be lined with habitable Floor Area (i.e., retail, office, or residential use as defined by the LAMC) and/or enclosed with a curtain wall, or integrated into the building façade as described below. The habitable space must be a minimum of 18 feet in depth along all street frontages, and must be accessible from an internal corridor that is separate and enclosed from the parking area. If natural ventilation is required for the parking level, up to one-third of the lined parking level may be open	The Podium would be occupied by commercial uses at ground level and residential uses along the W. 11th Street and S. Olive Street frontages (top five levels). The residential uses would be habitable units and exceed the depth of 18 feet along the frontage. The residential frontage would be distinguished by horizontal balconies that repeat the horizontal bands of the tower balconies and form a visual contrast to the facing of the parking levels. The facing of the parking levels would be the same pre-cast concrete panels used at ground level and as a design feature of the Project. The panels would be porous, allowing for the flow of air through the parking levels, while obscuring views of the parked vehicles.

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to the exterior provided it is integrated into the building façade.	
6. Drop-off zones, including residential, hotel and restaurant drop-off, shall be provided either 1) within the off-street parking facilities using the parking access or 2) along the required curb line where there is a full-time curbside parking lane, with no sidewalk narrowing.	Drop-off for the residential uses would be provided in the parking facilities accessed from the Olive and alley driveways.
Encourage the use of alternate modes of transportation by providing incentives for reduced automobile use.	
7. No more than the minimum required parking may be provided unless provided 1) as replacement parking for onsite or neighboring public parking lots, or 2) for adjacent or nearby buildings that lack adequate parking, in which case a parking study shall be prepared to demonstrate the need for additional parking.	Provided parking, up to 878 residential spaces and 13 commercial spaces (total 891 spaces), would be consistent with the parking required under the Code.
10. Provide bicycle parking as required by the Bicycle Parking Ordinance.	Bicycle parking spaces would be provided consistent with the City's Bicycle Parking Ordinance.
Limit the number and width of curb cuts and vehicular entries to promote street wall continuity and reduce conflicts with pedestrians.	
11. Vehicular entries shall be from an alley or mid-block on an east-west street where feasible.	Vehicle access would be from two driveways along the alley. One additional vehicle access point would be provided at the north edge of the Project Site, a mid-block location on S. Olive Street. This design minimizes unnecessary curb cuts along streets to provide pedestrian activating restaurant and gathering space.
12. Vehicular entries and curb cuts shall be limited to the minimum number required and the minimum width permitted.	The Project would limit street driveway access to a minimum requiring a curb cut to one point on S. Olive Street. Other driveways would be through the existing alley to the west of the building. Three driveways in total are necessary to minimize access impacts on surrounding roadways. (See also Section IV.L, *Transportation and Traffic*, of this Draft EIR.) **.**
14. Vehicular entries shall be located a minimum of 25 feet from a primary building entrance, or public amenity space.	The main residential lobby entrance would be at least 25 feet from the driveway edge.
15. Loading should be located on-site where feasible. Back-in or back-out loading facilities are not allowed, unless otherwise permitted by LADOT.	All loading facilities would be accessed from the alley and located within Level 1 of the podium. Access to loading would not require backing into loading docks.

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E. Alleys and Building Walls Facing Alleys	
Maintain and enhance alleys	
1. All alleys shall be open to the public at all times. To maintain public access and activity, Downtown alleys shall not be gated. Existing gates shall be removed where feasible. No existing alley should be vacated.	The public alley serving the Project Site would be maintained for public access at all times. No gating currently exists at the alley entrance and no future gates would be installed. The alley would not be vacated for private use.
2. Where an alley exists or can be provided, primary access to parking shall be from that alley, with minimal curb cuts from the street frontage.	Primary vehicle access for the Project would be via the alley. Additionally, all move in/out and commercial loading would be via the alley. The primary use of the alley would minimize curb cuts on adjacent streets. to maintain minimal curb cuts.
Provide access to utilities and mechanical equipment from alleys.	
15. Electrical transformers shall be located to be accessible from an alley where one exists or can be provided. If located adjacent to a sidewalk, they shall be screened and incorporated into the building to read as a storefront or office.	Electrical transformers would be incorporated into the building, would not be visually seen from the sidewalks, and would be accessible pursuant to LADWP requirements.
Design building walls that face alleys to be attractive.	
16. Building walls that face alleys should be visually attractive with well-maintained articulated facades and durable building materials. No stucco is permitted on the ground level of abutting walls.	The Podium wall facing the alley would feature the same pre-cast concrete panels and other architectural treatments that are provided as a design feature throughout the Podium ground level. The tower would have complementary high-quality façade design, and finishes along the alley façade similar to that of the adjacent street facades.
17. Building walls of parking levels may be visible but should be designed to alleviate the horizontality and lack of articulation and to screen lighting from the public rights-of-way and surrounding residential units, as specified for free-standing parking structures.	Well-designed concrete panels across the Podium parking levels would screen light from vehicle activity and interior lighting, while providing the same articulation and graphic design featured throughout the Project so that the parking levels are deemphasized and would not be recognizable as parking.
18. Residential units shall not be located on the ground floor adjacent to alleys except along shared or pedestrian priority alleys in order to reduce light, glare, and noise concerns from the use of alleys for parking access, service, and loading.	No residential units would be located on the ground floor of the Project, either adjacent to the alley or other street fronts.
Section 6. Massing and Street Wall	
A. Massing	

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Design building massing to reinforce the street wall with well-scaled elements or structures that are sensitive to the neighborhood context.	
2. Generally, buildings should maintain a consistent street wall along their street frontages. While variety in massing can occur through step-backs as a building ascends upward, it is not required.	The Project would maintain a consistent street wall along both streets, although 5-foot setbacks would be provided at the commercial entrance on W. 11th Street and the residential lobby entrance on S. Olive Street. The Tower would be setback from W. 11th Street at the 9-story Podium roof level.
B. Street Wall	
On Retail Streets, design building walls along the sidewalk (Street Walls) to define the street and to provide a comfortable scale for pedestrians.	
1. Street walls shall be located in relationship to the back of sidewalk as specified in Table 3-1. Flexibility is permitted for project sites at the edge of a district, in which case, as determined by DCP staff, one-third of the required street wall may meet the street wall setback requirement of the adjacent district. The street wall length is measured from property line to property line, and may include driveways and open space.	The Project would maintain a consistent street wall along both the back of the sidewalk along both frontage streets, and 5-foot setbacks would be provided at the commercial entrance on W. 11th Street and the residential lobby entrance on S. Olive Street, consistent with the provisions of Table 3-1.
2. Street walls shall have the minimum height specified in Table 6-1. Flexibility is permitted for project sites at the edge of a district, in which case, as determined by DCP staff, one-third of the required street wall may meet the street wall height requirement of the adjacent district. Walls above the ground floor that step back less than 15 feet from the ground floor street wall are considered to be part of the street wall.	The building wall (the 9-story Podium) would exceed the four-story (45') height requirement for South Park north of Pico, as prescribed under Table 6-1.
4. Breaks in the street wall should be limited to those necessary to accommodate pedestrian pass-throughs, public plazas, entry forecourts, permitted vehicular access driveways, and hotel drop-offs.	With the exception of the public-access Plaza at the corner of W. 11th Street and S. Olive Street, and the single driveway on S. Olive Street, there would be no breaks in the Podium wall.
C. Spacing	
Tower Spacing	
1. The portion of a tower above 150 feet shall be spaced from all existing, proposed, or possible future towers, both on the same block and across the street, as illustrated in Figure 6-2 and described in Table 6-2: adjacent tower or potential adjacent tower, a space of 80 feet is required.	The setback distance between the Project's tower from the existing tower at TEN50 Grand Avenue would be approximately 84 feet, 4 inches. Setbacks from any future towers to the east and south would exceed 115 feet (incorporating the tower's approximately 58-foot, 5-inch setback from W. 11th Street). The 7-story residential building directly to the north was constructed in 2017, so there would be no tower constructed on this site in the foreseeable

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	future, and certainly not before the Project is constructed.
D. Towers	
Tower Massing	
Towers should have slender massing and sound proportions.	
1. Towers should organize, articulate, and locate the tower floor plate on the lot considering the surrounding streets, parks, open spaces, and properties to create interest.	The tower floorplate is located within the Podium footprint, with setbacks of 54 feet, 4 inches from the west Podium wall, 58 feet, 5 inches from the south Podium wall, and 13 feet from the north property line). No tower setback is provided from the east Podium wall. The setbacks at the south edge of the tower anticipates the narrower W. 11th Street roadway and from properties to the south of W. 11th Street. The setback of the tower floorplate from W. 11th Street also creates visual interest with landscaping along the Podium roof and visual relief relative to the height and mass of the tower for viewers along both W. 11th Street and S. Olive Street. The setback of the tower floorplate from the west property line accommodates the setback requirements under the Downtown Design Guide, as well as providing visual relief between the Project and the nearby, off-site tower as viewed from W. 11th Street.
2. Towers should have their massing designed to taper upwards and reduce overall bulk and to appear slender.	Although the tower doesn't specifically taper toward the upper stories, the tower structure, which rises above and is deeply set back from the 9-story Podium, would maintain a relative slim profile of 209 feet, 10 inches along its north/south axis and 92 feet, 8 inches along its east/west axis (an approximate 2:1 ratio). The relative mass would also be reduced by cutouts and screening on the 53rd to 55th floors. The roof component would be pavilion style, with three stories (40 feet) of screened terraces. The open terraces would allow for sky views through the edges of the top stories and, thus, create a narrower aspect relative to the tower walls.
3. Towers should extend directly up from the property line at the street and are not required to be setback.	The tower would extend directly upward from S. Olive Street as consistent with Downtown Design Guide tower design options.
4. Tower siting and massing should maintain key views to important natural and man-made features.	Tower setbacks along a portion of S. Olive Street and all of the Project's W. 11th Street frontage would allow for sky views above the Podium from the street. No other existing key views are available across the Project Site that would be blocked by the Project.
Tower Form	
Tower forms should appear simple yet elegant, and add an endearing sculptural form to the skyline	

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6. Towers should be designed to achieve a simple faceted geometry (employing varied floor plans), and exhibit big, simple moves. They should not appear overwrought or to have over-manipulated elements.	The tower would be designed as a single, rectangular column (longer on the north-south axis), with simple faceted geometry, including horizontal relief with residential balconies and upper story cutouts and terraces. The building style, the incorporation of the geometric concrete screens, cutouts, and color theme would reflect components of the building to create a uniform and tasteful structure.
7. Towers should provide variety through subtle details in the curtain wall, and the articulation of a human-scaled base at the street level.	The tower walls would be articulated by residential balconies and deep terrace cutouts. The architectural theme, including the use of geometric screening (concrete panels) on some sections of the tower and at the street level, as well as a public Plaza and active commercial street front, would allow for a human scale at the base of the building at the street level.
9. A tower's primary building entrances should be designed at a scale appropriate to the overall size and design of the tower and be clearly marked.	The primary building entrances, including the retail/restaurant entrance on W. 11th Street and residential lobby entrance on S. Olive Street would be articulated by 5-foot setbacks from the sidewalks, and feature high, double or multiple-door entrances. The other primary entrances from the Plaza would be distinguished by the spacious and high-ceiling public Plaza entry area, featuring public art, permanent stone seating, and landscaping. The prominence created by the setbacks and Plaza entrance would be appropriate to the size and design of the tower.
10. A building's top should be delineated with a change of detail and meet the sky with a thinner form, or tapered overhang. Towers should have tapered sculptural crowns and make an appropriate contribution to the quality and character of the Downtown skyline. Flat roofs are not recommended.	The building's top three stories would not include residential uses but, rising approximately 40 feet above the residential stories, would create a pavilion-style structure, with open, landscaped terraces. As such it would be well-delineated from the tower walls. Views of sky would be visible through the terraces, creating a narrower aspect of the roof levels relative to the walls. This unique and open feature would contribute to the quality and variety of the Downtown skyline.
Section 7. On-Site Open Space and Landscaping	
A. Open Space Network	
1. Establish a clear hierarchy of open spaces which may include the following typologies: o Corner Plazas. Corner plazas should be an appropriate in scale (intimate for residential, larger for commercial) and be programmed with specific uses (to provide outdoor dining for an adjacent restaurant, or small neighborhood gathering place featuring a public amenity).	The Project would establish a hierarchy of open space areas including a corner Plaza, roof and Podium terraces and cut-out open areas located within the tower as follows: o The Project would incorporate a 2,728 square-foot corner public Plaza. Plaza dimensions would be approximately 49 feet, 10 inches along its east-west axis and 54 feet, 10 inches along its north-south axis (excluding the 3-foot continuous easement

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○ Roof and Podium Terraces. Roof terraces and gardens can augment open space and are especially encouraged in conjunction with hotels or residential uses. ○ Building cut-outs. Often used to create sky gardens, cut-outs and openings should be designed to create visual interest in the building massing and provide a comfortable, usable open space.	along West 11th Street). The height to the bottom of the soffit would be 40 feet. The Plaza would provide seating, public art, and landscaping. ○ The Project would also include a landscaped Podium terrace, as well as landscaped terraces in the tower roof-top. ○ Building cut-outs would be incorporated at the 53rd to the 55th stories. The cutouts, which would provide landscaped terraces, would create visual interest relative to the narrow tower column.
B. Guidelines for All Open Spaces	
1. All open spaces shall provide ADA-compliant walkways to ensure ease of access for all users.	All open spaces, including the public Plaza and Podium and tower terraces, would provide ADA compliant walkways.
2. All open spaces should include or connect to at least one gathering space or focal element.	All Project common open spaces would include gathering spaces or focal element. The public Plaza would include public art, seating, landscaping and space for gathering. Rooftop and other open terraces would also incorporate seating, gathering space, expansive views, and dense landscaping. Although these features would be provided on all terraces, in recreational terraces, such a pool decks, the recreational facility would likely create the focal element.
3. All public amenity spaces should provide signage at the open space entrance (whether adjacent to the sidewalk, at the building entrance or lobby, or individual entry into the open space). The signage shall include the phrase “Open to Public” and list the hours of operation. If the public amenity space is not directly accessible from the sidewalk, wayfinding signs should be placed at the building entrance and at stairwells/elevators of the primary circulation core.	The public amenity space within the Plaza would be directly accessible from the sidewalk, and clearly. Signage would include the statement, “Open to Public”, and hours of operation would be listed.
4. Provide publicly accessible open spaces at street level that provide pedestrian linkages throughout Downtown. Generally, to ensure accessibility, open spaces shall be provided at ground level, with up to 2 feet difference in elevation from the sidewalk, as listed in Table 7-1. Any changes in grade shall be gradual, with direct sight lines into the open space.	The Project’s corner Plaza at W. 11th Street and S. Olive Street would be located at street level, with no elevation change from the sidewalk. The Plaza would be accessible from both streets and contribute to the pedestrian linkages along both of these streets, including a westerly linkage to the Sports and Entertainment District and Nokia Plaza and northerly linkage to Grand-Hope Park and the Financial District.

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5. Ensure open-air open spaces are landscaped to provide shade, aesthetics, and comfort for users, as listed in Table 7-1. Planters, planter boxes and similar planting containers may count toward this requirement.	The Project's public Plaza would be landscaped with tall structural vines, reaching and covering the 40-foot-high soffit. Private terraces would be landscaped with trees, shrubbery and other plants for aesthetic purposes, as well as shade and comfort for users.
6. Provide sufficient seating for public open spaces as listed in Table 7-1. At least 50 percent of seating must be movable, and 50 percent must have backings, to facilitate enjoyment and use of open spaces. Two linear feet of bench or seat wall equals one seat. For the purpose of calculating seating, adjacent commercial outdoor seating within the open spaces shall be included in the calculation.	Fixed and movable seating would be provided in the public Plaza and adjacent commercial frontages, consistent with the 1 seat/50 square feet of Plaza floor area (55 seats). Half of the seating in the Plaza would be fixed stone benches (which also serve as planters for the vines); however, 50 percent moveable seating would be provided consistent with the requirement.
7. Non-movable or fixed seating should be placed with consideration to noontime sun and shade; deciduous trees should be planted as the most effective means of providing comfortable access to sun and shade.	Fixed seating would be located within the public Plaza, which would enable the enjoyment of a mix of sunlight and shade depending on season and time of day. Proposed canopy trees along W. 11th Street would be based on the palate provided by the MyFigueroa Streetscape Plan, and would consist of deciduous species. Other street trees planned under the Conceptual Landscape Plan are consistent with the Downtown Design Guide's list of approved trees (Appendix B), which is inclusive of the City's Bureau of Street Services, Urban Forestry Division list of approved trees.
8. On above-grade open spaces including roof or Podium terraces, building cut-outs, or residential courtyards, incorporate trees and other plantings in permanent and temporary planters that will shade, reduce reflective glare, and add interest to the space.	The Project's landscaping programs would include the addition of more than 500 new plantings to the Project Site. Of these, approximately 137 of the new plants would be canopy trees. Remaining planting would include native shrubs and perennials mixed with native ground cover. New landscaping would be provided along the street edges and throughout all of the Project's open space areas.
9. Landscape elements should support an easy transition between indoor and outdoor space through such means as well-sited and comfortable steps, shading devices and/or planters that mark building entrances, etc	The Plaza entry would feature several planters of vines, which would be allowed to climb and cover the 40-foot-high soffit. This would create the effect of a landscaped enclosure and provide a distinctive transition between the building interior and exterior.
10. Landscape elements should establish scale and reinforce continuity between indoor and outdoor space. Mature canopy trees shall be provided within open spaces, especially along streets and required setbacks.	Canopy trees would be planted along W. 11th Street and along S. Olive Street. Trees would also be planted in the Project's various terraces. These trees as well as Plaza landscaping would reinforce the continuity between the Project's interior and exterior.

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11. Landscape elements should provide scale, texture and color. A rich, coordinated palette of landscape elements that enhances the Development Site's identity is encouraged.	The landscaping programs would include the addition of more than 500 new plantings to the Project Site, including approximately 137 canopy trees. Remaining planting would include native shrubs and perennials mixed with native ground cover. Extensive landscaping anticipated for the Project Site would provide scale, texture, and color and would enhance the character of the Site.
12. Landscaping should be used to screen or break up the mass of blank walls. For example, trees and shrubs may be planted in front of a blank wall where there is room or vines may be trained on the wall where space is limited.	The Project would not include large, blank walls at street level and no screening would be required.
13. Open spaces should be designed with the character of outdoor rooms contained by buildings as listed in Table 7-1 by providing architectural features on any adjacent building walls.	The Plaza's landscaping theme, which includes vines reaching and covering the 40-foot-high soffit, would create an enclosed landscaped room effect. In addition, the Project's terrace landscaping, such as dense rows of trees interspersed with pathways along the west edge of the Podium terrace, would create the effect of a defined outdoor space.
C. Guidelines Based on Open Space Type	
Design Guidelines for On-Site Open Spaces are provided in Table 7-1.	
1. First page of Table 7-1 re: size, location, containment, connection and public access: ○ Plaza: 2,000 square feet minimum; 3:1 maximum length to width ratio; street level; 1 side containment; direct connection to sidewalk; public access required. ○ Roof/Podium Terrace: 400 square feet minimum; no less than 50 feet deep; above grade or rooftop; no sides; direct connection from primary circulation core; public access not required.	○ The Project would include an approximately 2,728-square-foot public Plaza (49 feet, 10 inches by 54 feet, 10 inches) available to the public. The Plaza would be at street level with direct connection to the sidewalk and have to open sides to the sidewalk. ○ The Podium, measuring 58 feet, 5 inches from the south edge of the Podium and 56 feet, 4 inches from the west edge of the Podium, would exceed 400 square feet. The terrace would be open on three sides (except for the tower floorplate) would have a direct connection to the elevator bay through the interior amenities space. The terrace would be for the use of Project residents only. Windows would be provided along the tower wall for inside/outside views between the interior and exterior amenity space.
2. Second page of Table 7-1 re: visibility, active uses, seating, planning and hours of access.: ○ Plaza: Clear sight lines from sidewalk to plaza interior; lined with active ground floor uses including retail along 50% of	○ The public Plaza would be directly accessible from the sidewalk and provide clear lines of sight to the building interior from both E. 11th Street and S. Olive Street through clear glass doorways and windows. Restaurant/retail

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enclosed frontage; 1 seat per 50 square feet; 25% planting; access 1 hour before sunrise and 1 hour after sunset. ○ Roof/Podium Terrace: Clear sight line to the back of terrace or focal element; 1 seat per 50 square feet; 25% planting, 1 hour before and after regular business hours of adjacent uses.	uses would occupy 100% of the wall areas. The public Plaza would remain open at all times. Approximately 25 percent of the Plaza would be landscaped or occupied by public art in a manner consistent with the covered character of the Plaza, with its climbing ivy to contributing to the overall landscape program. ○ The Podium terrace would have clear lines of sight throughout, including views of off-sight scenic vistas, Podium landscaping, and focal areas, such as the amenity terrace and water feature near the entrance to the interior amenity space. The Podium terrace would be continuously available, with possible closure for special events.
Section 8. Architectural Detail	
A. Organization of Architectural Features	
1. Architectural features shall be layered to emphasize certain features of the building such as entries, corners, common open spaces, public amenity spaces, and organization of units.	Layering would be achieved through the use of the concrete panel screen over sections of the building's exterior. The screening represents a double building skin, which at the ground level would be used to frame large views through clear glass windows at the wall level behind the panels. The panels, in themselves, create a graphic or geometric design the provides an additional dimensional or layered effect. Dimension is also created by the setback of main entries at the ground level, and the visual setback created by the ground level Plaza. The public Plaza, with cuts into the north and east edges of the Podium emulates the upper story cutouts, in that is has sides and a rooftop. Broad balconies along the Podium's edge, setbacks of the tower from the Podium edge, cut-outs in the tower, and pavilion-style terrace at the tower roof also contribute to a layered and dimensional effect.
2. Accentuate main building entries by creating a vertical break in the building wall. The curtain wall above the building entry should be designed as the focal point of the building façade and seamlessly integrate the building entry into its design.	Building entries would be accentuated by 5-foot setbacks from the edge of the sidewalk. The setbacks would create a vertical break in the building wall. The use of concrete panels along the ground floor and upper floor sections of the Podium, as well as the visual break created by the Podium's residential uses and open balconies above the public Plaza (accentuating the Plaza opening), integrate the architectural treatment for the entries with the Podium's ground level design and overall design of the Podium and tower.
3. Alternate different textures, colors, materials, and distinctive architectural treatments to provide scale and three-dimensional qualities to the building and	Architectural variation is achieved through the intermittent use of geometric panels or screens, the Podium's ground level double skin, and the contrasting residential windows and balconies

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add visual interest while avoiding dull or repetitive facades. Architectural variation should be of an appropriate scale and applied purposefully to reflect changes in the building uses or structure.	fronting the Podium above the public Plaza. These elements would provide scale and three dimensional character. The color used in the public Plaza's soffit, Plaza back wall (above the first floor entrances), the Podium's residential balcony soffits, and the soffits of the tower's balconies would be coordinated to contrast with the color of the concrete panels and balcony edges and, therefore, create a unified but varied color theme as viewed from the street (with the viewer looking up at the building). The colored soffits would complement the horizontal character of project design. Architectural variation would also be achieved through the cutouts, terrace setbacks, terrace landscaping, and horizontal balconies along residential floors, which create a contrast to the vertical, narrow tower. The design of the building also reflects the range of uses, from the ground level commercial uses and residential lobby, to the upper story residential uses.
4. Windows and doors shall be used as character-defining features to reflect an architectural style or theme consistent with other façade elements. Windows should project or be inset from the exterior building wall and incorporate well-designed trims and details. Use balconies, fenestration, or other elements to create an interesting pattern of projections and recesses.	The design of windows and doors would be consistent with the building's overall architectural theme. Geometric concrete panels overlying the building wall would create visual interest and serve to screen parking at upper levels of the Podium. At the ground level, the panels would create a second "skin" in which would frame the recessed, clear glass windows on the building wall. Balconies would also be used to create horizontal relief from the tower, as well as define the Podium corner at the intersection by contrasting with the Podium's paneled sections.
B. Horizontal and Vertical Variation	
1. Vary the plane of a building to provide visual interest and contribute to the quality and definition of the street wall. Apply horizontal architectural variations to break down the scale and massing of longer facades.	The plane of the building would be varied through the ground level Plaza cutout; tower setbacks from the Podium wall; prominent, multi-story cutouts at the 53rd through 55th floors; and the building's multi-story terrace roofline. The use of continuous balconies along the tower wall would also create a horizontal contrast to the tower's strong verticality.
2. Design buildings with variation to clarify the building's uses and visually differentiate the following: o A ground floor uses from core functions and how the building "meets the sky"; o A distinct base at the ground floor (street and pedestrian lower levels); o A mid-section with core functions, often consistent for multiple floors of a mid- to high-rise building; and	- The ground floor would be distinguished by the continuous use of windows along the sidewalk, which reveal the ground level's commercial core function. The building would "meet the sky" at the Podium roof and at the top of the proposed tower. The tower would be set back from the Podium edge at the street intersection, so that sky views along the Project Site would not be blocked by the taller structure. - The ground floor and Podium create a distinct base for the upper story tower. The ground level would

Standards/Guidelines	Project Characteristics
○ A top (the upper level that distinguishes a building and defines how it "meets the sky").	be distinguished by greater height compared to upper stories; by its recessed, street-oriented entrances; by the cut-out created the public Plaza (which includes two sides and a top); and the architectural character of the upper story residential uses, which create a bold heading for the ground level Plaza. The Podium terrace at the 10th floor would also be part of the Project's base, which supports the tower above. This area is distinguished by visible landscaping and by the tower setback which reveal its open space function. - The clearly defined residential tower forms the Project's mid-section. - The top of the tower contains a terrace with 40 feet of screening for architectural variation.
3. Employ a different architectural treatment on the ground floor façade than on the upper floors. Provide an identifiable break between the building's base and mid-section with a change in material, change in fenestration pattern or similar means.	The ground floor façade is distinguished from the Podium wall by its higher level, use of continuous windows along both street fronts, entrances, and vertical setbacks, and the deep cut-out for the 2,728-square-foot public Plaza (49 feet, 10 inches along W. 11th Street by 54 feet, 10 inches along S. Olive Street). The deep setback of the tower from the Podium wall would create a visual break between the Podium base and the mid-section tower.
4. Active street walls are required. While blank street wall façades are prohibited, an exception may be made for integration of public art or a graphic-based façade if it adds scale, interest, and character to an otherwise bland frontage, and contribute to an active streetscape. In these cases, the façade should be a maximum of four floors high, and should have horizontal variation in its surface plane (using cut outs, insets or pop-outs). It should employ different scaled elements when viewing the entire building massing and as viewed by pedestrians at a more intimate street scale.	The Project's ground floor would be entirely occupied by active uses. Windows would be provided along the length of the street frontage to accommodate views between the sidewalk and interior uses, so that no blank walls would occur along the ground level. The window areas would be framed with architectural treatments that tie-in with adjacent building facades, including e.g. the geometric concrete paneling that would occur on upper parking stories in the Podium, adding texture and dimension. The panels would also support vine growth, which would soften the appearance of the façade. However, upper stories of the Podium fronting W. 11th Street and S. Olive Street would be faced with residential windows and balconies.
C. Materials	
Buildings shall aim for a "timeless design" and employ sustainable materials and careful detailing that have proven longevity.	
1. Feature long-lived and sustainable materials. The material palette should provide variety, reinforce massing and changes in the horizontal or vertical plane.	Durable and sustainable high-performance and pre-cast concrete and glass would be the Project's primary building materials. Surface materials would consist of pre-cast concrete (geometric panels) and window wall glass with balconies at the residential uses. These materials would be consistent with modern high-rise construction and allow a variety in structural types, such as the decorative panels and basic building walls and foundations. The use of

Standards/Guidelines	Project Characteristics
	setbacks, cut-outs, and balconies to create continuous horizontal definition would add variety in horizontal and vertical planes.
2. Use especially durable materials on ground floor façades. Low-quality materials such as stucco, plaster, and EIFS are prohibited at the ground-floor along any streets, alleys, or public amenity spaces.	Ground floor construction materials, in addition to glass windows and doors, would be primarily high-performance and pre-cast concrete. No stucco, plaster, EIFS would be used in the building or along any section of the ground floor.
3. Use especially high-quality durable materials on upper floor facades. Low-quality materials such as stucco, plaster, and EIFS are not permitted on exterior building facade facing streets, alleys, or public amenity spaces, except as minor detail components amounting to no more than 10 percent of any elevations above the ground floor.	Upper story construction would be primarily high-performance concrete. No low-quality materials such as stucco, plaster, and EIFS would be used in the construction of the Podium's upper stories or in the tower construction.
4. To provide visual variety and depth, layer the building skin to provide a variety of textures that bear a direct relationship to the building's massing and structural elements. The skin should reinforce the integrity of the design concept and the building's structural elements, and not appear as surface pastiche.	Pre-cast concrete panels overlying the basic concrete building wall would create a double skin and contribute a variety of textures and geometric design to the building's exterior walls. The manner in which the panels would be intermittently installed in the Podium and reflected in screening components in the tower would be consistent with the scale and design integrity of the building and would not appear as surface pastiche.
5. Layering can also be achieved through extension of two adjacent building planes that are extended from the primary façade to provide a sculptural composition.	The horizontal extension of the Podium's residential uses and balconies relative to the 40-foot-high vertical walls of the public Plaza, as well as the extension from the vertical plane of the Podium wall would create a dimensional effect along the Project's façade, particularly as viewed from the W. 11th Street and S. Olive Street intersection.
6. The building's skin, especially for towers, should be primarily transparent.	With the exception of continuous horizontal balconies, the tower skin would be primarily glass windows and, as such, transparent.
8. Design the color palette for a building to reinforce building identity and complement changes in the horizontal or vertical plane.	The Project would implement a uniform color theme for the public Plaza soffit, Plaza back wall (above the first floor entrances), and balcony soffits in the Podium and tower. This color would contrast with the primarily white, horizontal balconies throughout the Podium and tower and, while complementing the horizontal plane, provide visual interest as viewed from below.
D. Windows and Doors	
Provide high-performance, well-detailed windows and doors that add to the depth and scale of the building's façade.	

Standards/Guidelines	Project Characteristics
1. Window placement, size, material and style should help define a building's architectural style and integrity.	At the ground level, clear windows would be located continuously along the street frontage. The windows would be located in the first building skin, which would be overlain by the geometric panels (second skin). The panels would frame large window areas so that interiors would be highly visible through the windows from the street. However, the second skin would recess the windows relative to the building's outer wall (the paneling). The residential uses in the Podium and tower would feature large pane windows, comprising the exterior walls. The substantial use of pane windows would contribute to the transparency of the tower and residential component of the Podium.
2. In buildings other than curtain wall buildings, windows shall be recessed (set back) from the exterior building wall, except where inappropriate to the building's architectural style.	As discussed above, ground level windows would be located in the first building skin, which would be overlain by the geometric panels (second skin). The panels would frame large window areas so that interiors would be highly visible through the windows from the street. However, the second skin would recess the windows relative to the building's outer wall (the paneling).
3. Windows and doors shall be well-detailed where they meet the exterior wall to provide adequate weather protection and to create a shadow line.	Windows and doors for the Project's commercial and residential components would be detailed in a variety of ways, including the use of concrete panels at the ground level to create dimension for the windows. Primary entrances (doors) would be set back from the sidewalk or located within the Plaza cutout. Glass window walls at the residential uses in the Podium and tower would be distinguished by continuous balconies, which would create shadow lines, provide weather protection for lower uses, and introduce a contrasting color component.
E. Glazing	
Incorporate glazing that contributes to a warm, inviting environment.	
1. For both curtain wall and window/door glazing above the ground floor, use glazing that provides some visibility into the building and creates a light appearance, while meeting Title 24 standards, through a combination of low-E coating, reflective coating, and tint, with the intent of reducing the appearance of the reflective coating. Traditional high-performance reflective coatings, such as stainless steel, pewter and titanium, which typically have a Visible Light Transmittance (VLT) of less than 10 percent, are prohibited. Typically, glazing with a Light to Solar Gain (LSG) ratio of 1.25 or more and reflectance of less than 45 percent will achieve this intent. Silkscreen	Upper story window walls would be clear glass that would create light appearance, but meet Title 24 standards. With the use of clear glass, the windows would contribute to the transparency of the upper floors of the Podium facing W. 11th Street and S. Olive Street, and the tower.

Standards/Guidelines	Project Characteristics
or frit patterns to improve visibility to birds should be considered.	
2. A limited amount of translucent glazing may be used to provide privacy.	No translucent glazing would be used on any exterior walls.
F. Lighting	
Provide well-designed architectural and landscape lighting integrated into the proposed project to create a sense of safety, encourage pedestrian activity after dark, and support Downtown's vital nightlife.	
1. Each project should develop a system of lighting with layers that contribute to the night-time experience, including façade uplighting, sign and display window illumination, landscape, and streetscape lighting.	Architectural lighting would be incorporated into the building design to support the visual interest of the building and contribute to the night-time experience. On the pedestrian (street level) lighting would be used to illuminate the porous concrete screen of the building base to accentuate its elaborated pattern and depth. Interior lighting of retail spaces would contribute to the pedestrian milieu. Sculpted building base and mid-tower amenities would glow at night as major design features.
2. Architectural lighting should be integrated with the building design and relate to the pedestrian and accentuate major architectural features.	As described for the previous item, architectural lighting would be incorporated into the building design with varied lighting to accentuate the pedestrian level and base level and tower level architectural features.
3. Tower crowns should have architecturally integrated lighting to enhance the tower's presence in the skyline. Residential towers are not required to have crown lighting.	Even though not required, crown lighting would be architecturally integrated into the tower.
4. Landscape lighting should be of a character and scale that relates to the pedestrian and highlights special landscape features.	Landscape lighting for the Project's street trees and public Plaza would be positioned to specifically highlight landscape features and would not generate glare or allow direct views of the light source from the adjacent sidewalk.
5. Exterior lighting shall be shielded to reduce glare and eliminate light being cast into the night sky.	Exterior lights would be shielded and directed to the object (such as the sidewalk or building wall) intended to be illuminated. No lights would be directed toward the sky.
6. Exterior lighting shall be directed away from adjacent properties and roadways, and shielded as necessary. In particular, no light shall be directed at the window of a residential unit either within or adjacent to a project.	Exterior lights would be shielded and directed to the object the Project's building walls or ground. No exterior lights would be directed toward the roadway or toward adjacent residential properties. Exterior lights would be positioned so that the light source would not be visible to any off-site residential use.
Security Lighting	
7. Integrate security lighting into the architectural and landscape lighting system. Security lighting should not be	Exterior security lights would be integrated into the Project's architectural and landscape lighting system and would be positioned and designed to be

Standards/Guidelines	Project Characteristics
distinguishable from the project's overall lighting system.	indistinguishable from the Project's overall lighting system.
8. Illuminate alleys for both vehicles and pedestrians in a way that provides character and scale.	The alley would be illuminated to provide clear views of the roadway and the Project's access and loading driveways and exterior doorways. Lighting would be positioned to prevent views of the light source from the adjacent residential use and to prevent light spillage into the adjacent property. Light fixtures would be consistent with the theme of the Project's exterior lighting program.
H. Minimizing Impacts on Neighbors	
Architecturally incorporate or arrange roof top elements to screen equipment such as mechanical units, antennas, or satellite dishes.	
1. Mechanical equipment shall be either screened from public view or the equipment itself shall be integrated with the architectural design of the building. Mechanical equipment shall not be placed on balconies or other private or common open space areas.	Mechanical equipment would be located within the building interior and would not be visible from surrounding properties or sidewalks.
2. Ventilation intakes/exhausts shall be located and designed to divert air flow away from the street and to minimize adverse effects on pedestrian comfort along the sidewalk. For new construction, typically locating vents more than 30 feet vertically from a sidewalk and directing the air flow away from the public realm will accomplish this objective.	Air vents would be provided at the upper levels (ninth story) of the Podium and residential tower so that no vented air would affect sidewalk pedestrians or adjacent properties. Locations of intakes/exhausts would exceed the 30-foot vertical distance from ground level.
3. Buildings should be communications-ready, with antenna or satellite wiring integrated into the building. Otherwise, all antennas and satellite dishes shall be screened from view.	Communications systems would be integrated into the building design and no antennas or satellite dishes would be visible from off-site locations.
Minimize glare upon adjacent properties and roadways.	
4. Reflective materials or other sources of glare (like polished metal surfaces) shall be designed or screened to not impact views from surrounding windows nor result in measurable heat gain upon surrounding windows either within or adjacent to a project.	The Project's building surface would consist primarily of non-reflective concrete materials and windows meeting Title 24 standards. The use of reflective materials, such as polished metal surfaces or trim would be minimal or not at all. As such, heat gain or glare at surrounding land uses is not anticipated.

Standards/Guidelines	Project Characteristics
Section 9. Streetscape Improvements	
B. Responsibility of the Applicant	
Provide sidewalks, parkways and walkways as specified in Section 3.	The Project would provide a 15-foot-wide sidewalk (including a 3-foot easement and 2 - foot dedication) along W. 11th Street and a 17-foot-wide sidewalk along S. Olive Street, as specified under the City's *Downtown Street Standards*. Sidewalk dimensions would be consistent with the current 17-foot width along S. Olive Street and would increase the current 10-foot width along W. 11th Street. Parkway and walkway dimensions would be consistent with Table 3.1 of the *Downtown Design Guide*, which requires a minimum 6-foot walkway zone and a minimum 7-foot parkway zone along both sidewalks.
Install and maintain the improvements specified in this section. Street trees shall be provided in conjunction with each project. In-lieu fees are not allowed unless permitted by the Decision-Maker per Section 7.	The Applicant would install and provide for the maintenance of streetscape improvements. Under the Conceptual Landscape Plan, new canopy trees would be planted along W. 11th Street and S. Olive Street. The selection of street trees for W. 11th Street would be consistent with proposed landscape palate provided in the MyFigueroa Streetscape Project and all trees would be consistent with the Downtown Design Guide's list of approved trees (Appendix B) or the City's Bureau of Street Services, Urban Forestry Division list of approved trees.
Execute a Maintenance Agreement per Revocable Permit process requirements with the City by which the Applicant agrees to maintain the streetscape improvements and accepts liability for them. For improvements abutting other properties other than the project site, consent from the abutting property owner may be required by DPW.	The Applicant would execute a Maintenance Agreement per the Revocable Permit process requirements with the City by which the Applicant would agree to maintain the streetscape improvements.
If providing pedestrian lighting, install the pedestrian lighting as specified in Section 9.I and agree to an ongoing assessment by the City to maintain and operate the lights.	Section 9.I provides guidelines for the provision of pole lighting. The Project would incorporate lighting for safety and ground-level architectural treatments. Should additional pole lighting be required for safety, such lighting would be provided per the guideline established in Section 9.1.

Source: ESA, 2018.

Appendix C
Air Quality

1045 OLIVE PROJECT

Air Quality Technical Appendix

Prepared for
1045 Olive, LLC.
2200 Biscayne Boulevard
Miami, Florida 33137

September 2019

ESA

1045 OLIVE PROJECT

Air Quality Technical Appendix

Prepared for
1045 Olive, LLC.
2200 Biscayne Boulevard
Miami, Florida 33137

September 2019

233 Wilshire Boulevard
Suite 150
Santa Monica, CA 90401
310.451.4488
esassoc.com

ESA

Irvine	Sacramento
Los Angeles	San Diego
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Acronyms and Abbreviations

Acronym	Description
AQMP	Air Quality Management Plan
CalEEMod	California Emissions Estimator Model
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CEUS	Commercial End-Use Survey
City	City of Los Angeles
CO	carbon monoxide
CCR	California Code of Regulations
DPM	diesel particulate matter
EIR	Environmental Impact Report
EMFAC	on-road vehicle emissions factor model
hp	horsepower
HQTA	high-quality transit area
LEED	Leadership in Energy and Environmental Design
LST	localized significance threshold
NO_2	nitrogen dioxide
NO_X	nitrogen oxides
NOP	Notice of Preparation
OEHHA	Office of Environmental Health Hazard Assessment
OFFROAD	off-road emissions factor model
PDF	Project Design Feature
PM2.5	fine particulate matter
PM10	respirable particulate matter
RASS	Residential Appliance Saturation Survey
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SJVAPCD	San Joaquin Valley Air Pollution Control District
SO_2	sulfur dioxide
TAC	toxic air contaminant
TPA	transit priority area
USEPA	United States Environmental Protection Agency
USGBC	United States Green Building Council
VMT	vehicle miles traveled
VOC	volatile organic compounds

1045 OLIVE PROJECT
Air Pollutant Emissions Methodology

1. Introduction

ESA conducted a comprehensive air pollutant emissions analysis for the 1045 Olive Project (Project). Emissions associated with construction and operation of the Project were quantified. This Technical Appendix describes the methodology used to estimate air pollutant emissions from existing uses and the Project. The project design features (PDFs) that would be incorporated into the Project's design are also described below, as well as mitigation measures required under the California Environmental Quality Act (CEQA). Detailed modeling calculations and supporting files are provided in **Exhibits A** through **D** of this Technical Appendix.

2. Methodology

This section describes the methodology used to calculate emissions resulting from Project construction and operational activities and to evaluate air quality impacts. The criteria pollutant emissions evaluated include volatile organic compounds (VOCs), nitrogen oxides (NO_X), carbon monoxide (CO), sulfur dioxide (SO_2), respirable particulate matter (PM10), and fine particulate matter (PM2.5). Construction activities would generate emissions from equipment usage, truck hauling and area source emissions. Long-term operational activities would generate emissions through vehicle trips, energy usage, and area source emissions such as landscaping equipment and evaporative emissions from consumer product usage.

2.1 Project Construction Emissions

Construction of the Project has the potential to generate air pollutant emissions through the use of heavy-duty construction equipment, such as excavators and forklifts, and through vehicle trips generated from workers and haul trucks traveling to and from the Project Site, and through building activities, such as the application of paint and other surface coatings. In addition, fugitive dust emissions would result from various soil-handling activities. Mobile source emissions, primarily NO_X, would result from the use of construction equipment such as dozers and loaders. Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of construction activity, and prevailing weather conditions.

Construction air quality impacts were assessed based on the incremental increase in emissions compared to baseline conditions. Under CEQA, the baseline environmental setting for an Environmental Impact Report (EIR) is generally established at or around the time that the Notice of Preparation (NOP) for the EIR is published. The Project Site currently contains five commercial buildings totaling 35,651 square feet and an approximately 5,952 square-foot paved

parking and hardscape area, for a total of 41,603 square feet. These existing uses would be demolished and removed to allow for development of the Project. Nonetheless, the Project's construction emissions do not take credit for the removal of the existing emissions associated with the existing uses on the Project Site. Localized air quality impacts are also evaluated based on the Project's emissions without netting of existing Project Site emissions.

Project construction activities that would have the potential to create regional air quality impacts include vehicle trips generated by construction workers, vendor trucks, and haul trucks traveling to and from the Project Site and building activities such as the application of paint and other surface coatings. The Project's daily regional criteria pollutant emissions during construction have been estimated by assuming a conservative scenario for construction activities (i.e., assuming all construction occurs at the earliest feasible date) and applying the mobile source and fugitive dust emissions factors. The emissions have been estimated using the California Emissions Estimator Model (CalEEMod) (Version 2016.3.2) software, an emissions inventory software program recommended by the SCAQMD. The input values used in this analysis were adjusted to be Project-specific based on equipment types and the construction schedule. Haul truck trip estimates were based on excavation volumes obtained from the Applicant and 14 cubic yards soil capacity haul trucks; cement truck trip estimates were based on mat foundation volumes obtained from the Applicant and 10 cubic yards concrete capacity concrete trucks; worker trip estimates were provided by the Applicant; and vendor truck trip estimates were based on calculation methodologies in CalEEMod. CalEEMod is based on outputs from the CARB off-road emissions factor (OFFROAD) and on-road emissions factor (EMFAC) models, which are emissions estimation models developed by CARB and used to calculate emissions from construction activities, including on- and off-road vehicles. These values were applied to the construction phasing assumptions used in the criteria pollutant analysis to generate criteria pollutant emissions values for each construction activity.

Construction phasing would include demolition of the existing buildings and associated parking, site clearing, grading, excavation, subterranean parking and building construction. The Project would export approximately 80,520 cubic yards of soil and generate approximately 3,410 cubic yards of demolition debris that would need to be hauled away (asphalt, interior and exterior building demolition, and general construction debris). Concrete trucks would be used to deliver building foundation materials to the Project Site. Emissions from these on-road heavy-duty truck activities were estimated by construction phase using the CARB EMFAC2017 model.

Detailed Project construction phasing, equipment list, and emissions calculations are provided in **Exhibit A** of this Technical Appendix. The Project may commence construction activities at a later date than shown in the emissions modeling files in **Exhibit A**. If this occurs, construction emissions and associated air quality impacts would be lower than those analyzed herein due to the use of a more energy-efficient and cleaner burning construction vehicle fleet mix, pursuant to State regulations that require vehicle fleet operators to phase-in less polluting heavy-duty equipment. As a result, should Project construction commence at a later date than analyzed herein, air pollutant emissions and associated air quality impacts would be lower than the impacts disclosed in the Project's Draft EIR.

2.1.1 Emissions from Construction Equipment

Mobile source emissions, primarily NO_X and particulate matter, would result from the use of construction equipment such as bulldozers, wheeled loaders, and cranes. Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation and, for dust, the prevailing weather conditions. The assessment of construction air quality impacts considers each of these potential sources.

Construction equipment emissions will vary with engine model years in which newer equipment will emit fewer pollutants. The CalEEMod model uses an emission rate for equipment, which represents an average model year for available equipment unless the specific emissions standards are applied to the equipment. The proposed Project would incorporate into the Project design the use of standardized and environmentally protective construction equipment consistent with state regulations (Title 13 California Code of Regulations [CCR] Section 2449) and SCAQMD Air Quality Management Plan (AQMP) control strategies to control emissions (refer to the discussion of PDFs discussed below). CalEEMod calculates the exhaust emissions based on the CARB OFFROAD methodology using the equation presented below.

Construction Off-Road Equipment:

$$Emissions_{Diesel}\,[g] = \sum_i (EF_i \times Pop_i \times AvgHP_i \times Load_i \times Activity_i$$

Where:

EF_i	=	Emission factor from OFFROAD [g/bhp-hr]
Pop_i	=	Population [quantity of same equipment type]
$AvgHP_i$	=	Maximum rated average horsepower [hp]
$Load_i$	=	Load Factor [dimensionless]
$Activity_i$	=	Hours of operation [hours]
i	=	Summation index

The CalEEMod software provides options for specifying equipment, horsepower ratings, load factors, and operational hours per day. Construction equipment lists for each phase of activity were provided by the applicant and/or applicant's construction contractor(s) and architect(s). The amount of construction equipment used and the duration of construction activity could have a substantial effect upon the amount of construction emissions, concentrations and the resulting impacts occurring at any one time. As such, the emission forecasts provided reflect a specific set of conservative assumptions based on the expected construction scenario wherein a relatively large amount of construction is occurring in a relatively intensive manner. Fugitive dust emissions during construction activities were estimated in CalEEMod, which are based on the methods described in the United States Environmental Protection Agency (USEPA) AP-42 Compilation of Air Pollutant Emission Factors.[1]

[1] United States Environmental Protection Agency, AP-42 Compilation of Air Pollutant Emissions Factors, Chapter 13: Miscellaneous Sources, https://www3.epa.gov/ttn/chief/ap42/ch13/index.html. Accessed January 2019.

2.1.2 Emissions from On-Road Trips

Construction generates on-road vehicle exhaust, evaporative, and dust emissions from personal vehicles for worker and vendor commuting, and trucks for soil and material hauling. These emissions are based on the number of trips and vehicle miles traveled (VMT) along with emission factors from EMFAC.

Emissions for all pollutants and particulate matter emissions from tire and brake wear were divided by the VMT of each respective vehicle class from each scenario year and adjusted for unit conversions to derive emission factors in units of grams per VMT. The emissions from mobile sources were calculated with the trip rates, trip lengths and emission factors from EMFAC as follows:

Construction On-Road Trips:

$Emissions_{pollutant} = VMT \times EF_{pollutant}$

Where: $Emissions_{pollutant}$ = emissions from vehicles for each pollutant [g]
VMT = vehicle miles traveled [miles]
$EF_{pollutant}$ = emission factor for each pollutant [g/mile]

2.1.3 Emissions from Architectural Coating

Volatile organic compound (VOC) off-gassing emissions result from evaporation of solvents contained in surface coatings. The CalEEMod software calculates the VOC evaporative emissions from application of residential and non-residential surface coatings using the following equation:

Construction Architectural Coating Emissions:

$E_{AC} = EF_{AC} \times F \times A_{paint}$

Where: E = emissions [lb VOC]
EF = emission factor [lb/sqft]
A = building surface area [sqft].

The CalEEMod software assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user. All of the land use information provided by a metric other than square footage will be converted to square footage using the default conversions or user defined equivalence.

F = fraction of surface area [%].

The default values based on SCAQMD methods used in their coating rules are 75 percent for the interior surfaces and 25 percent for the exterior shell. Parking areas are based on 6 percent coverage.

The emission factor (EF) is based on the VOC content of the surface coatings and is calculated estimated using the equation below:

Construction Surface Coating Emission Factor:

$EF_{AC} = C_{voc} / 454[g/lb] \times 3.785[L/Gal]/180[sqft]$

Where: EF = emission factor [lb/sqft]
C = VOC content [g/L]. This varies by location and year

The emission factors for coating categories are calculated using the equation above based on default VOC content provided by the air districts or CARB's statewide limits.

2.1.4 Emissions from Paving

While there is no specific screen associated with asphalt paving emissions, CalEEMod estimates VOC off-gassing emissions associated with asphalt paving of parking lots using the following equation:

Construction Paving Emissions:

$E_{AP} = EF_{AP} \times A_{Parking}$

Where: E = emissions [lb]
EF = emission factor [lb/acre]. The SMAQMD default emission factor is 2.62 lb/acre.
$A_{Parking}$ = area of the parking lot [acre]

2.2 Project Operational Emissions

Operation of the Project has the potential to generate criteria pollutant emissions through vehicle trips traveling to and from the Project Site. In addition, emissions would result from area sources on-site such as natural gas combustion from water heaters, consumer products, and landscaping equipment. Criteria pollutant emissions would also be generated by point sources including an emergency generator and other area sources such as restaurant charbroiling. The Project is not expected to contain any large stationary combustion equipment such as large boilers or combustion turbines.

The Project's operational emissions were estimated using the CalEEMod software for natural gas combustion from building heating and cooking, consumer products, and landscaping equipment. For mobile sources, the estimated vehicle trips and VMT were provided for the Project uses in the Transportation Study[2] and supplemental VMT conversion data are provided in **Exhibit C** of this Technical Appendix. The EMFAC2017 model was run in the emissions mode (also referred to as the "Burden" mode) and used to generate Air Basin-specific vehicle fleet emission factors in units of grams or metric tons per mile. These emission factors were then applied to the daily VMT to obtain daily mobile source emissions.

[2] The Mobility Group, 1045 Olive Project Transportation Study, 2019. Provided in Appendix N of this Draft EIR.

After circulation of the Project Notice of Preparation (NOP) and Los Angeles Department of Transportation (LADOT) approval of the Project Transportation Study, on July 30, 2019, the City updated its travel demand model and transportation impact thresholds based on VMT pursuant to State CEQA Guidelines Section 15064.3. Therefore, the Project Transportation Study also includes a VMT analysis of the Project's impacts based on the recently adopted methodology, which differs from the Project's Environmental Leadership Development Project (ELDP) analysis pursuant to Assembly Bill 900. The VMT analysis using the recently adopted methodology, which is included in Appendix N-4 of the Project's Draft EIR, results in lower VMT than the ELDP analysis. As a conservative approach, the VMT analysis from the ELDP analysis is used for operational mobile source air quality impacts.

Natural gas usage factors in CalEEMod are based on the California Energy Commission (CEC) 2002 Commercial End-Use Survey (CEUS) and Residential Appliance Saturation Survey (RASS) data adjusted to reflect more recent Title 24 improvements.

Stationary sources would include on-site emergency generator capacity, estimated at approximately 708 kilowatts (950 horsepower). The emergency generator would result in emissions during maintenance and testing operations. Emergency generators are permitted by the SCAQMD and regulated under SCAQMD Rule 1470. Maintenance and testing would not occur daily, but rather periodically, up to 50 hours per year per Rule 1470. For the purposes of estimating maximum daily emissions, it is estimated that the emergency generators would operate for up to two hours in a day for maintenance and testing purposes.

Operational air quality impacts were assessed based on the incremental increase in emissions compared to baseline conditions. Under CEQA, the baseline environmental setting for an EIR is generally established at or around the time that the NOP for the EIR is published. As discussed previously, the Project Site currently contains five commercial buildings totaling 35,651 square feet and an approximately 5,952 square-foot paved parking and hardscape area, for a total of 41,603 square feet. These existing uses would be demolished and removed to allow for development of the Project. Therefore, the net change in operational emissions is based on the difference between the existing Project Site emissions and the emissions of the Project Site at full buildout. Detailed Project operational emissions calculations are provided in **Exhibit C** of this Technical Appendix.

2.2.1 Emissions from Area Sources (Consumer Products, Coatings, Hearths, and Landscaping)

Area source emissions were calculated using CalEEMod default assumptions for the Project land uses. Area sources include hearths, consumer product use, architectural coatings, and landscape maintenance equipment. Emissions associated with natural gas usage are discussed in the building energy use section below.

Consumer Products

Consumer products are chemically formulated products used by household and institutional consumers, including, but not limited to, detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers;

aerosol paints; and automotive specialty products; but does not include other paint products, furniture coatings, or architectural coatings. The SCAQMD conducted an evaluation of consumer product use compared to the total square footage of buildings using data from the CARB consumer product Emission Inventory and determined a VOC emission rate for consumer products applicable to areas within the SCAQMD jurisdiction.[3] To calculate the VOC emissions from consumer product use, CalEEMod incorporates the following equation and SCAQMD-approved emission factor:

Consumer Products:

Emissions = EF × Building Area

Where: EF = pounds of VOC per building square foot per day
The factor is 2.04×10^{-5} lbs/sqft/day for SCAQMD areas.
Building Area = The total square footage of all buildings including residential square footage.

Architectural Coatings

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings such as in paints and primers. The methodology for operations is the same as the construction architectural coating methodology discussed above.

Hearths (Fireplaces)

The Project would not include natural gas-fired fireplaces in the residential uses as per Project Design Feature AQ-PDF-1. Therefore, emissions from hearths (fireplaces) are not included in the Project's emissions calculations.

Landscaping Equipment

Emissions from existing uses include equipment used to maintain landscaping, such as lawnmowers and trimmers. The CalEEMod software uses landscaping equipment emission factors from the CARB OFFROAD emissions factor model and the CARB *Technical Memo: Change in Population and Activity Factors for Lawn and Garden Equipment (6/13/2003)*.[4] The CalEEMod software assumes that landscaping equipment operates for 250 days per year in the South Coast Air Basin.

Landscaping Equipment

Emissions [g] = $\sum_i (\text{Units} \times EF_{LE})_i$

Where: Units = Number of land use units (same land use type) [DU or sqft]
EF_{LE} = Emission factor [grams [g] / DU or sqft / day]
i = Summation index

[3] California Air Pollution Control Officer's Association, California Emissions Estimator Model, User's Guide, Appendix E, Technical Source Documentation, Section E3 Consumer Products Summary, 2017.

[4] California Air Resources Board, OFFROAD Modeling Change Technical Memo: Change in Population and Activity Factors for Lawn and Garden Equipment, June 13, 2003, http://www.arb.ca.gov/msei/2001_residential_lawn_and_garden_changes_in_eqpt_pop_and_act.pdf. Accessed January 2019.

2.2.2 Emissions from Building Energy Usage (Natural Gas)

With regard to energy usage, the consumption of fossil fuels to generate electricity and to provide heating and hot water generates criteria pollutants. Future fuel consumption rates are estimated based on specific square footage of the Project land uses. Energy usage (on-site natural gas consumption) for the Project is calculated within CalEEMod using the CEC CEUS and RASS data sets.[5] These data sets provide energy intensities of different land uses throughout the state and different climate zones. However, since the data from the CEUS is from 2002 and the RASS data is similarly from an earlier time period, the CalEEMod software incorporates correction factors to account for compliance with the Title 24 Building Standards Code. The correction factors are applied only to the new building construction.

Natural gas-related emissions of criteria pollutants associated with operation of the Project are based on the size of the Project land uses, and the natural gas demand factors for the land uses. Natural gas criteria pollutant emissions are generally calculated as follows:

Natural Gas:

$$\text{Emissions [lbs]} = \sum_i (\text{Units} \times D_{NG} \times EF_{NG})_i$$

Where: Units = Number of land use units (same type) [DU or 1000 sqft]
D_{NG} = Natural gas combustion factor [MMBtu/DU or 1000 sqft/year]
EF_{NG} = Emission factor [lbs/MMBtu]

2.2.3 Emissions from Building Energy Usage (Electricity)

Criteria air pollutant emissions are not required to be estimated for electricity.

2.2.4 Emissions from Mobile Sources

The Project's VMT was based on the trip generation rates and trip distances for each land use as provided in the Project Transportation Study that was prepared for the Project's Environmental Leadership Development Project (ELDP) analysis pursuant to Assembly Bill 900, which was based on CalEEMod VMT factors,[6] which then estimates the total VMT. In general, VMT estimates consider the following factors described below.

Trip Type

The trip type breakdown describes the purpose of the trip generated at each land use. For example, the trip type breakdown indicates the percentage of trips generated at single family home for work, for shopping, and for other purposes. Multiplying the total trips for a land use by trip type breakdown percentage yields trips of a given trip type. Two sets of trip type breakdown are used in CalEEMod – residential breakdown and commercial breakdown.

5 California Energy Commission, California Commercial End-Use Survey, http://capabilities.itron.com/CeusWeb/Chart.aspx. Accessed March 2018.

6 The Mobility Group, 1045 Olive Project Transportation Study, 2019. Provided in Appendix N of the Project's Draft EIR.

Residential trip type: These include home-work (H-W), home-shop (H-S), or home-other (H-O). A home-work trip represents the trip from the home to the workplace. A home-shop trip represents the trip from the home to a land use where shopping takes place (generally retail). A home-other represents all other types of trips generated from the resident such as school, entertainment, etc. The trip type breakdown is from district supplied information or the 1999 Caltrans Statewide Travel Survey is used as default or specific information obtained from the various air quality management and air pollution control districts.

Commercial trip type: These include commercial-customer (C-C), commercial-work (C-W) and commercial-nonwork (C-NW). A commercial-customer trip represents a trip made by someone who is visiting the commercial land use to partake in the services offered by the Site. The commercial-work trip represents a trip made by someone who is employed by the commercial land use sector. The commercial-nonwork trip represents a trip associated with the commercial land use other than by customers or workers. An example of C-NW trips includes trips made by delivery vehicles of goods associated with the land use.

Primary Trip Length

In CalEEMod, each trip type has a primary trip length associated with it. These trip lengths are based on the location and urbanization selected on the project characteristic screen. These values were supplied by the districts or use a default average for the state. Each district (or county) also assigns trip lengths for urban and rural settings.

Pass-by and Diverted Trips

Trip link types further describe the characteristics of the trip attracted to each land use, whether it's a primary trip, a diverted link trip, or a pass-by trip. For example, a commercial customer pass-by trip could be a person going from home to shop on his/her way to work. In addition, a commercial customer diverted-link trip could be a person going from home to work, and on its way making a diversion to shop. Pass-by trips generate virtually no additional running emissions but could generate additional resting and startup emissions. Diverted trips generate less running emissions compared to primary trips, and can also generate additional resting and startup emissions.

Mobile Source Emission Factors

Mobile source emissions were calculated outside of CalEEMod using the EMFAC2017 model. EMFAC was used to generate emission factors, in pounds per mile, for the South Coast Air Basin's motor vehicle fleet mix. Using the daily VMT and emission factors, daily criteria pollutant emissions were estimated.

Emissions from motor vehicles are dependent on model years and the specific types of vehicles that are used to travel to and from the Project Site. The emissions were calculated using a representative motor vehicle fleet mix for the Project Site location in the South Coast Air Basin for the opening year of the Project. All vehicle types would visit the Project Site; therefore, the use of the motor vehicle fleet mix for the Project Site location in the South Coast Air Basin is an appropriate modeling parameter. Mobile source emissions are generally calculated as follows:

Mobile Source:

$$\text{Emissions} = \sum_i (\text{VMT} \times \text{EF})_i$$

Where: VMT = Vehicle miles traveled
EF = EMFAC Fleet emissions factor [pounds per mile]
i = Summation index

2.2.5 Emissions from Stationary Sources

Stationary sources included diesel-fueled emergency generator, estimated to be up to approximately a 708 kilowatt (kW) in size, that would be installed at the Project Site. The generator emissions were based on emission factors from SCAQMD's Rule 1470 and USEPA.

Emissions associated with periodic maintenance and testing of the emergency generator (approximately rated at 708 kilowatts (950 horsepower) for the Project are estimated separately outside of the CalEEMod software. The emergency generator emissions are calculated based on compliance with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) mandated emission limits and operating hour constraints. As discussed previously, Rule 1470 applies to stationary compression ignition engine greater than 50 brake horsepower and sets limits on emissions and operating hours. In general, new stationary emergency standby diesel-fueled engines greater than 50 brake horsepower are not permitted to operate more than 50 hours per year for maintenance and testing. It was conservatively assumed that the generator would operate for a maximum of two hours per day for testing and maintenance and daily maximum emissions are based on this. In general, stationary-source emergency generator emissions are calculated as follows:

Stationary Source Emergency Generator:

$$\text{Emissions}_{\text{Diesel}}\,[\text{g}] = \sum_i (\text{EF} \times \text{Pop} \times \text{HP} \times \text{Load} \times \text{Activity})_i$$

Where: EF = Emission factor [g/bhp-hr]
Pop = Population [quantity of same equipment type]
HP = Maximum rated horsepower [hp]
Load = Load Factor [dimensionless]
Activity = Hours of operation [hours per day, hours per year]
i = Summation index

2.2.6 Emissions from Restaurant Charbroiling

The Project's restaurant uses may include charbroiling of meat and deep-frying of meat and potatoes that may occur on-site during food preparation activities in a restaurant kitchen. Charbroiling emissions are calculated based on emissions factors available from the SCAQMD for charbroiling and frying.[7] In order to provide a conservative analysis, it was assumed that the

[7] South Coast Air Quality Management District, Emission Factors for Commercial Cooking Operations, http://www.aqmd.gov/docs/default-source/rule-book/Proposed-Rules/1138/par1138pdsr_appendixi.pdf?sfvrsn=2. Accessed December 2018.

restaurant would charbroil and deep-fat fry meat with relatively high emission factors (i.e., hamburger and chicken meat). The quantity of meat charbroiled and fried in the restaurant is based on survey data from the San Joaquin Valley Air Pollution Control District for "family restaurants."[8]

The estimated emissions account for reductions from compliance with emissions control requirements consistent with SCAQMD Rule 1138 (Control of Emissions from Restaurant Operations), which requires charbroilers to be equipped and operated with a control device that has been certified by the manufacturer to reduce particulate matter emissions by at least 85 percent. In general, stationary-source charbroiling emissions are calculated as follows:

Stationary Source Charbroiling and Deep-Fat Frying:

$$\text{Emissions} = \left(\sum_i \left(Q_{MEAT} \times EF \times (1 - C)_i \right) \right.$$

Where: Q_{MEAT} = Quantity of meat product charbroiled or deep-fat fried in a day [pounds/day]

EF = Emission factor [pounds pollutant per pounds meat]

C = Emissions control factor [percent], 86% for VOC and 85% for PM, per rule 1138

i = Summation index

2.2.7 Emissions from Solid Waste Decomposition

Criteria pollutant emissions are not required to be estimated for solid waste decomposition.

2.2.8 Emissions from Water Demand and Wastewater Generation and Treatment

Criteria pollutant emissions are not required to be estimated for water demand and wastewater generation and treatment.

2.3 Quantitative Analysis Connecting the Project's Criteria Air Pollutant Emissions and Human Health is Not Feasible

The following provides background information on technical constraints with providing a reliable quantitative analysis directly correlating significant pollutant emissions from an individual development project and human health impacts. Ground level ozone (smog) is not directly emitted into the air, but is instead formed when precursor pollutants such as NO_X and VOC are

[8] South Coast Air Quality Management District, Staff Report for Rule 1138 (Control of Emissions from Restaurant Operations), 1997 (as found in SJVAPCD Final Draft Staff Report: Rule 4692 (Commercial Charbroiling)), https://planning.lacity.org/eir/8150Sunset/References/4.B.%20Air%20Quality/AQ.14_SJVAPCD%20Charbroiling%20EF%20by%20Meat.pdf. Accessed December 2018.

emitted into the atmosphere and undergo complex chemical reactions in the process of sunlight.[9] Once formed, ozone can be transported long distances by wind.[10] Due to the complexity of ozone formation, a specific tonnage amount of NO_X or VOCs emitted in a particular area does not equate to a particular concentration of ozone in that area.[11] In fact, even rural areas that have relatively low emissions of NO_X or VOCs can have high levels of ozone concentrations simply due to wind transport and other meteorological conditions such as temperature inversion and high pressure systems. Conversely, areas that have substantially more NO_X and VOC emissions could experience lower concentrations of ozone simply because sea breezes disperse the emissions.[12]

Ambient air quality standards, which are statutorily required to be set by USEPA (at levels that are requisite to protect the public health with a margin of safety) and by CARB (at levels that are requisite to protect the health of the most sensitive groups) are established as concentrations of ozone and not as quantity (i.e., tonnages) of their precursor pollutants.[13,14] Because the ambient air quality standards are focused on achieving a particular concentration region-wide, the tools and plans for attaining the ambient air quality standards are regional in nature.

The SCAQMD and San Joaquin Valley Air Pollution Control District (SJVAPCD) have provided guidance that it is not feasible to quantify project-level health effects based on available modeling techniques.[15,16] Even if a metric could be calculated, it would not be reliable because the models attempt to evaluate the impact of all emission sources in an air basin on attainment and would likely not yield information with sufficient statistical certainty or a measurable increase in ozone concentrations sufficient to accurately quantify ozone-related health effects for an individual project. Meteorology, the presence of sunlight, geographical distribution of emissions, and other complex photochemical factors all combine to determine the ultimate concentrations and locations of pollutants.

The currently available tools are equipped to model the impact of all emission sources in an air basin on attainment. According to the most recent USEPA-approved SCAQMD basin wide

9 San Joaquin Valley Air Pollution Control District, Application for Leave to File Amicus Curiae Brief of SJVAPCD in Support of Defendant and Respondent, County of Fresno and Real Party in Interest and Respondent, Friant Ranch, L.P., April 13, 2015. Included as Attachment 2 of this memorandum. p.4

10 United States Environmental Protection Agency, Health Effects of Ozone Pollution, https://www.epa.gov/ground-level-ozone-pollution/ground-level-ozone-basics, last updated October 31, 2018. Accessed May 2019.

11 San Joaquin Valley Air Pollution Control District, Application for Leave to File Amicus Curiae Brief of SJVAPCD in Support of Defendant and Respondent, County of Fresno and Real Party in Interest and Respondent, Friant Ranch, L.P., April 13, 2015. Included as Attachment 2 of this memorandum. p.4

12 San Joaquin Valley Air Pollution Control District, 2007 Ozone Plan, Executive Summary, p. ES-6, 2007, http://www.valleyair.org/Air_Quality_Plans/docs/AQ_Ozone_2007_Adopted/2007_8HourOzone_CompletePlan.pdf. Accessed May 2019.

13 United States Environmental Protection Agency, Table of Historical Ozone National Ambient Air Quality Standards, https://www.epa.gov/ground-level-ozone-pollution/table-historical-ozone-national-ambient-air-quality-standards-naaqs, last updated February 20, 2018. Accessed May 2019.

14 California Air Resources Board, Ambient Air Quality Standards (5/4/16), https://www.arb.ca.gov/research/aaqs/aaqs2.pdf. Accessed May 2019.

15 South Coast Air Quality Management District, Application of the SCAQMD for Leave to File Brief of Amicus Curiae in Support of Neither Party and Brief of Amicus Curiae, April 6, 2015.

16 San Joaquin Valley Air Pollution Control District, Application for Leave to File Amicus Curiae Brief of SJVAPCD in Support of Defendant and Respondent, County of Fresno and Real Party in Interest and Respondent, Friant Ranch, L.P., April 13, 2015.

emissions inventory, the VOC inventory is 162.4 tons per day (324,800 pounds) and 293.1 tons per day (586,200 pounds) of NO_X emissions for the baseline year of 2012.[17] For example, from a scientific standpoint, it takes a large amount of additional precursor emissions to cause a statistically significant increase in ambient ozone levels over an entire region. In the case of ozone, the SCAQMD's 2012 AQMP showed that reducing baseline year 2008 NO_X by 432 tons per day and reducing VOC by 187 tons per day would only reduce ozone levels at the SCAQMD's monitor site with the highest levels by 9 parts per billion, which is less than 8 percent decrease of the 8-hour ozone concentration at the SCAQMD's monitor site with the highest levels, and does not represent a substantial improvement in local air quality.[18] SCAQMD also conducted pollutant modeling for proposed Rule 1315 in which the CEQA analysis accounted for essentially all of the increases in emissions due to new or modified sources in the District between 2010 and 2030, or an approximate increase of 6,620 pounds per day of NO_X and 89,947 pounds per day of VOC. At this regional scale, the SCAQMD was able to correlate this very large emissions increase to expected health outcomes from ozone and particulate matter. The analysis showed that this large increase of regional pollutant emissions would contribute to only a small increase in the air basin wide ozone concentrations in 2030 of 2.6 ppb and less than 1 ppb of nitrogen dioxide (NO_2).[19] Accordingly, while current modeling methods can provide results on a large scale, the modeling resolution is not available to model health risks from smaller sources, such this individual Project.

2.4 Existing Operational Emissions

Existing operational emissions were estimated primarily using CalEEMod using the same methodologies as discussed above for Project operations. For mobile sources, the vehicle trips were provided for the existing uses in the Project's Transportation Impact Study.[20] Using the trip data for the existing uses, CalEEMod was used to estimate the VMT. The EMFAC2017 model was used to obtain the vehicle fleet emission factors for the existing uses in the year of 2017, which represents the baseline year. Mobile source emissions are the product of the estimated VMT and the emission factors.

Other sources of emissions from existing uses include building energy (natural gas combustion), which were calculated using CalEEMod using historical energy data to account for compliance with prior Title 24 building energy standards given the age of the existing buildings. Fugitive VOC emissions were based on consumer product usage factors provided by the SCAQMD within CalEEMod and architectural coating emission factors based on SCAQMD Rule 1113, similar to

17 South Coast Air Quality Management District, Final 2016 Air Quality Management Plan, Figure 3-1, 2017.

18 South Coast Air Quality Management District, Final 2012 Air Quality Management Plan, Appendix V: Modeling & Attainment Demonstrations, pp. v-4-2, v-7-4, v-7-24, 2013, http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2012-air-quality-management-plan/final-2012-aqmp-(february-2013)/appendix-v-final-2012.pdf. Accessed May 2019.

19 South Coast Air Quality Management District, Final Program Environmental Assessment for Re-Adoption of Proposed Rule 1315, p. 1-11, 2011, http://www.aqmd.gov/docs/default-source/ceqa/documents/aqmd-projects/2011/re-adoption-of-proposed-rule-1315/volume-i.pdf?sfvrsn=4. Accessed May 2019.

20 The Mobility Group, 1045 Olive Project Transportation Study, 2019. Provided in Appendix N of the Project's Draft EIR.

the Project. Detailed existing operational emissions calculations are provided in **Exhibit B** of this Technical Appendix.

2.5 Localized Emissions Calculations (Construction and Operation)

The localized effects from the on-site portion of the maximum emissions were evaluated at nearby sensitive receptor locations potentially impacted by the Project in accordance with the SCAQMD *Final Localized Significance Threshold Methodology* (June 2003, revised July 2008).[21] The localized significance thresholds are only applicable to NO_X, CO, PM10, and PM2.5. The SCAQMD has established screening criteria that can be used to determine the maximum allowable daily emissions that would satisfy the localized significance thresholds and therefore not cause or contribute to an exceedance of the applicable ambient air quality standards without project-specific dispersion modeling. The localized analysis is based on this SCAQMD screening criteria. The screening criteria depend on: (1) the area in which the Project is located, (2) the size of the Project Site, and (3) the distance between the Project Site and the nearest sensitive receptor. The Project Site is located in the SCAQMD's Central Los Angeles Source Receptor Area (SRA) 1 and is approximately 0.96 acres in size. In accordance with SCAQMD's Localized Significance Threshold (LST) methodology, the nearest off-site sensitive receptors (multi-family housing) were assumed to be located within a distance of 25 meters from the Project Site to the north and west.[22] Construction and operational emissions from the Project were compared to the LSTs for a one-acre site in SCAQMD SRA 1 with sensitive receptors located within 25-meters.

According to the SCAQMD *Final Localized Significance Threshold Methodology*, "projects whose calculated emission budgets for the proposed construction or operational activities are above the LST emission levels found in the LST mass rate look-up tables should not assume that the project would necessarily generate adverse impacts. Detailed air dispersion modeling may demonstrate that pollutant concentrations are below localized significant levels."[23] Thus, if the screening criteria would be exceeded, dispersion modeling using the USEPA AMS/EPA Regulatory Model (AERMOD) dispersion model with meteorological data from the closest SCAQMD monitoring station would be used to further refine the localized impact analysis.

2.6 CO Hotspots

Localized areas where ambient concentrations exceed state and/or federal standards are termed CO hotspots. The potential for the Project to cause or contribute to the formation of off-site CO hotspots are evaluated based on prior dispersion modeling of the four busiest intersections in the Air Basin that has been conducted by the SCAQMD for its CO Attainment Demonstration Plan in

[21] South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, 2008, http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/localized-significance-thresholds. Accessed June 2018.

[22] South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, p. 3-3-, 2008.

[23] South Coast Air Quality Management District, Final Localized Significance Threshold Methodology, p. 1-2, 2008.

the AQMP.[24] The analysis compares the intersections with the greatest peak-hour traffic volumes that would be impacted by the Project to the intersections modeled by the SCAQMD. Project-impacted intersections with peak-hour traffic volumes that are lower than the intersections modeled by the SCAQMD, in conjunction with lower background CO levels, would result in lower overall CO concentrations compared to the SCAQMD modeled values in its AQMP.

2.7 Toxic Air Contaminant Impacts (Construction and Operations)

The greatest potential for toxic air contaminant (TAC) emissions during construction would be related to diesel particulate matter (DPM) emissions associated with heavy-duty equipment during excavation and grading activities. Construction activities associated with the Project would be sporadic, transitory, and temporary in nature (approximately 42 months). The SCAQMD has not formally adopted guidance that requires quantitative health risk assessments be performed for temporary exposures to TAC emissions. The SCAQMD has not formally adopted guidance that requires Lead Agencies to use the 2015 Office of Environmental Health Hazard Assessment (OEHHA) guidance manual when assessing short-term TAC exposures, such as construction emissions, for analyses under CEQA. The SCAQMD has stated that: "SCAQMD currently does not have guidance on construction Health Risk Assessments."[25] Therefore, the City of Los Angeles is continuing to assess potential impacts from temporary TAC exposures in accordance with the methodology supported by the SCAQMD prior to the 2015 OEHHA update. Thus, a qualitative assessment of the impacts associated with the Project's short-term construction TAC emissions is provided in the Project's Draft EIR.

During long-term operations, TACs could be emitted as part of periodic maintenance operations, period testing and maintenance of the Project's emergency generator, as well cleaning, painting, etc., and from periodic visits from delivery trucks and service vehicles. However, these uses are expected to be sporadic in nature and result in minimal exposure to off-site sensitive receptors. As the Project consists of residential uses, the Project would not include sources of substantial TAC emissions identified by the SCAQMD or CARB siting recommendations.[26, 27] Thus, a qualitative analysis is appropriate for assessing the Project's operational emissions.

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24 South Coast Air Quality Management District, 2003 Air Quality Management Plan, Appendix V: Modeling and Attainment Demonstrations, page V-4-24, 2003, https://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/2003-aqmp. Accessed January 2019.

25 South Coast Air Quality Management District, Final Environmental Assessment for: Proposed Amended Rule 307.1 – Alternative Fees for Air Toxics Emissions Inventory; Proposed Amended Rule 1401 – New Source Review of Toxic Air Contaminants; Proposed Amended Rule 1402 – Control of Toxic Air Contaminants from Existing Sources; SCAQMD Public Notification Procedures for Facilities Under the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588) and Rule 1402; and, SCAQMD Guidelines for Participating in the Rule 1402 Voluntary Risk, page 2-23, September 2016, http://www.aqmd.gov/docs/default-source/ceqa/documents/aqmd-projects/2016/final-ea_par-307-1_1401_1402.pdf?sfvrsn=4. Accessed August 23, 2018.

26 South Coast Air Quality Management District, Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning, 2005, Table 2-3, http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf?sfvrsn=4. Accessed February 2019.

27 California Air Resources Board, Air Quality and Land Use Handbook: A Community Health Perspective, 2005, Table 1-1, https://www.arb.ca.gov/ch/landuse.htm. Accessed February 2019.

3. Project Characteristics

The Project is an urban "infill" project, as it would replace existing commercial uses on underutilized parcels located in Downtown Los Angeles with a high-density, mixed-use development. The Project proposes higher density, consistent with compact growth, on a parcel of infill urban land accessible to and well served by public transit including frequent and comprehensive transit services. The Project's new housing and job growth would be located in a high-quality transit area (HQTA), which the Southern California Association of Governments (SCAG) defines as an area within a half mile of a well-serviced transit stop,[28] and a Transit Priority Area (TPA), which the City defines as an area within one-half mile of a major transit stop that is existing or planned.[29] The Project's urban location setting and its land use characteristics, as identified by the California Air Pollution Control Officers Association (CAPCOA), of Increased Density, Location Efficiency, Increased Land Use Diversity and Mixed-Uses, Increased Destination Accessibility, Increased Transit Accessibility, Improve Design of Development, and Provide Pedestrian Network Improvements demonstrate that the Project developed at the Project Site would result in reduced vehicle trips, VMT, and associated transportation-related GHG emissions, as well as air pollutant emissions, compared to the statewide and Air Basin averages for land use development vehicle trips, VMT, and associated emissions. Refer to the CAPCOA guidance on mitigating or reducing emissions from land use development projects, *Quantifying Greenhouse Gas Mitigation Measures*, for further information on VMT reductions from urban land use characteristics.[30]

The following Project Design Features (PDFs) would be incorporated into the Project which would incorporate sustainability features for reduced energy consumption, which reduces building energy-related air pollutant emissions (i.e., natural gas combustion and electricity for heating and cooling), and would also include measures to encourage the use of lower emitting plug-in hybrid electric or zero-emissions electric vehicles, therefore resulting in fewer emissions as part of the Project.

> **AQ-PDF-1: Green Building Features:** The Project will be designed to achieve the equivalent of the United States Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) Gold Certification level for new buildings. The Project will demonstrate compliance with the LEED Gold Certification or equivalent by providing architectural and engineering documentation, building energy modeling simulations, and other supporting evidence consistent with USGBC accepted documentation standards. Pre-construction documentation that indicates the Project is designed to achieve the number of points required for LEED Gold Certification will be provided to the City prior to building permit issuance. Post-construction documentation that indicates the Project operates within the expected parameters to achieve the number

[28] Southern California Association of Governments, 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy, 2016, page 8, http://scagrtpscs.net/Documents/2016/final/f2016RTPSCS.pdf. Accessed June 2018.

[29] City of Los Angeles, Department of City Planning, Zoning Information File ZI NO. 2451 Transit Priority Areas (TPAs)/Exemptions to Aesthetics and Parking within TPAs Pursuant to CEQA, https://files.alston.com/files/docs/ZI%202451-TPA-Aesthetics-and-Parking.pdf. Accessed October 2018.

[30] California Air Pollution Control Officers Association, *Quantifying Greenhouse Gas Mitigation Measures*, (2010), http://www.capcoa.org/wp-content/uploads/2010/11/CAPCOA-Quantification-Report-9-14-Final.pdf. Accessed August 2018.

of points required for LEED Gold Certification will be provided to the City after completion of commissioning activities. A summary of key green building and LEED measures are provided below:

- The Project will implement a construction waste management plan to recycle and/or salvage a minimum of 65 percent of nonhazardous construction debris.
- The Project will incorporate heat island reduction strategies for 50 percent of the site hardscapes or provide 100 percent structured parking and incorporate heat island reduction strategies, including but not limited to high-reflectance and vegetated roofs, for the Project roof areas.
- The project shall include at least twenty (20) percent of the total code required parking spaces provided for all types of parking facilities, but in no case less than one location, shall be capable of supporting future electric vehicle supply equipment (EVSE). Plans shall indicate the proposed type and location(s) of EVSE and also include raceway method(s), wiring schematics and electrical calculations to verify that the electrical system has sufficient capacity to simultaneously charge all electric vehicles at all designated EV charging locations at their full rated amperage. Plan design shall be based upon Level 2 or greater EVSE at its maximum operating ampacity. Of the 20 percent EV Ready, five (5) percent of the total code required parking spaces shall be further provided with EV chargers to immediately accommodate electric vehicles within the parking areas. When the application of either the 20 percent or 5 percent results in a fractional space, round up to the next whole number. A label stating "EVCAPABLE" shall be posted in a conspicuous place at the service panel or subpanel and next to the raceway termination point.
- The Project will optimize building energy performance including, but not limited to, installing energy efficient appliances.
- The Project will reduce water consumption by 40 percent for indoor water and 50 percent for outdoor water compared to baseline water consumption. Water reduction strategies include, but are not limited to planting drought-tolerant/California native plant species, increasing irrigation system efficiency, incorporating alternative water supplies (e.g., stormwater retention for use in landscaping), and/or installing smart irrigation systems (e.g., weather-based controls).
- The Project will provide on-site recycling areas with containers to promote the recycling of paper, metal, glass, and other recyclable materials and adequate storage areas for such containers.
- The residential units within the Project will not include the use of natural gas-fueled fireplaces.

AQ-PDF-2: Construction Equipment Features: The Applicant will implement the following construction equipment features for equipment operating at the Project Site. These features will be included in applicable bid documents, and successful contractor(s) must demonstrate the ability to supply such equipment. Construction features will include the following:

- During plan check, the Project representative will make available to the lead agency and SCAQMD a comprehensive inventory of all off-road construction equipment, equal to or greater than 50 horsepower, that will be used during any of the construction phases. The inventory will include the horsepower rating, engine production year, and

certification of the specified Tier standard. A copy of each such unit's certified tier specification, BACT documentation, and CARB or SCAQMD operating permit shall be provided on-site at the time of mobilization of each applicable unit of equipment to allow the Construction Monitor to compare the on-site equipment with the inventory and certified Tier specification and operating permit. Off-road diesel-powered equipment that will be used an aggregate of 40 or more hours during any portion of the construction activities associated with grading/excavation/export phase must meet the Tier 4 Final standards. Construction contractors supplying heavy duty diesel equipment greater than 50 horsepower will be encouraged to apply for SCAQMD SOON funds. Information including the SCAQMD website will be provided to each contractor which uses heavy duty diesel for on-site construction activities.

- Equipment such as tower cranes and signal boards must be electric or alternative-fueled (i.e., non-diesel). Pole power will be made available for use for electric tools, equipment, lighting, etc. Construction equipment such as tower cranes and signal boards must utilize electricity from power poles or alternative fuels (i.e., non-diesel), rather than diesel power generators and/or gasoline power generators. If stationary construction equipment, such as diesel- or gasoline-powered generators, must be operated continuously, such equipment must be located at least 100 feet from sensitive land uses (e.g., residences, schools, childcare centers, hospitals, parks, or similar uses), whenever possible.
- Alternative-fueled generators (e.g., natural gas, battery electric, solar, etc.) that generate less NO_X and particulate matter emissions when compared to equivalent diesel-fueled models will be used when commercial models that have the power supply requirements to meet the construction needs of the Project are commercially available from local suppliers/vendors. The determination of the commercial availability of such equipment will be made by the City prior to the issuance of grading or building permits based on applicant-provided evidence of the availability or unavailability of alternative-fueled generators and/or evidence obtained by the City from expert sources such as construction contractors in the region.
- Alternative-fueled sweepers/scrubbers shall be used pursuant to SCAQMD Rule 1186.1.[31]
- Contractors will maintain and operate construction equipment so as to minimize exhaust emissions. All construction equipment must be properly tuned and maintained in accordance with the manufacturer's specifications. The contractor must keep documentation on-site demonstrating that the equipment has been maintained in accordance with the manufacturer's specifications. Tampering with construction equipment to increase horsepower or to defeat emission control devices must be prohibited.
- Construction activities must be discontinued during second-stage smog alerts. A record of any second-stage smog alerts and of discontinued construction activities as applicable will be maintained by the Contractor on-site.

31 South Coast Air Quality Management District, Rule 1186.1, Less-Polluting Sweepers, 2009. http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1186-1-less-polluting-sweepers.pdf, Accessed

4. Mitigation Measures

A mitigation measure that would minimize the Project's construction emissions during the one-day continuous concrete pour phase has been identified, and is set forth below. This measure would reduce emissions from on-road and off-road heavy-duty vehicles and equipment and concrete truck emissions.

AQ-MM-1: The Applicant shall implement the following measures to reduce the emissions of air pollutants generated by concrete trucks during the continuous concrete pouring phase lasting for approximately one day:

a. The contractor shall use concrete trucks with an average capacity of 10 cubic yards to minimize the number of concrete truck trips;

b. The contractor shall use local concrete suppliers with 90 percent or more of the concrete supplied by one or more facilities located within a driving distance of approximately 4.5 miles per one-way trip (approximately 9 miles per round trip) and the remaining 10 percent from one or more facilities located within a driving distance of approximately 9 miles per one-way trip (approximately 18 miles per round trip).

c. The contractor shall be required to ensure that approximately 50 percent of the concrete truck trips, equivalent to approximately 19 concrete trucks per hour, are made by CNG-fueled concrete trucks or trucks that achieve the same or lower NO_X emissions as CNG-fueled concrete trucks.

d. During plan check, the Project representative shall make available to the lead agency and SCAQMD a comprehensive inventory of all concrete trucks that will be used during the continuous approximately one-day concrete pouring phase. The inventory shall include the concrete truck capacity, fuel specification, and NO_X emissions rating. A copy of each such unit's certified emissions rating shall be provided on-site at the time of mobilization of each applicable unit of equipment to allow the Construction Monitor to compare the on-site equipment with the inventory and certified emissions specification.

Implementation of this mitigation measure is included in the quantified construction emissions calculations for the applicable off-road heavy-duty construction equipment within the CARB- and SCAQMD-approved CalEEMod and EMFAC modeling software, as appropriate. Detailed mitigated construction emissions calculations are provided in **Exhibit A** of this Technical Appendix.

5. Emissions Summaries

5.1 Regional Emissions

5.1.1 Project Construction

The results of the regional construction criteria pollutant emissions for VOC, NO_X, CO, SO_X, PM10, and PM2.5 are presented in **Table 1,** *Estimated Maximum Regional Construction Emissions without Project Design Features*,[32] for the unmitigated Project construction scenario

[32] Table 1 is provided for information purposes only.

without implementation of AQ-PDF-2 and in **Table 2,** *Estimated Maximum Regional Construction Emissions with Project Design Features*, for the unmitigated Project construction scenario with implementation of AQ-PDF-2.

TABLE 1
ESTIMATED MAXIMUM REGIONAL CONSTRUCTION EMISSIONS WITHOUT PROJECT DESIGN FEATURES (POUNDS PER DAY) [a]

Source	VOC	NO_X	CO	SO_2	PM10[b]	PM2.5[b]
Overlapping Phases						
Demolition + Site Preparation +Grading/Excavation	5	60	45	0.1	5	3
Grading/Excavation + Drainage/Utilities/Trenching + Foundations/Concrete Pour	10	**123**	72	0.3	15	7
Continuous Concrete Pour	23	**481**	110	1.1	42	19
Foundations/Concrete Pour + Building Construction + Architectural Coatings	18	45	74	0.2	16	6
Foundations/Concrete Pour + Building Construction + Architectural Coatings	17	40	70	0.2	16	5
Building Construction + Architectural Coatings + Pavings	15	32	54	0.2	12	4
Maximum Daily Emissions	23	**481**	110	1.1	42	19
SCAQMD Numeric Indicators	**75**	**100**	**550**	**150**	**150**	**55**
Exceeds Thresholds?	No	**Yes**	No	No	No	No

[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Exhibit A of this Technical Appendix.

[b] Emissions include fugitive dust control measures consistent with SCAQMD Rule 403. Rule 403 measures included in the CalEEMod emissions modeling include the application of water to exposed and unpaved surfaces three times daily and limiting vehicle speeds to 15 miles per hour on unpaved roads.

SOURCE: ESA, 2019.

TABLE 2
ESTIMATED MAXIMUM REGIONAL CONSTRUCTION EMISSIONS WITH PROJECT DESIGN FEATURES (POUNDS PER DAY) [a]

Source	VOC	NO_X	CO	SO_2	PM10[b]	PM2.5[b]
Overlapping Phases						
Demolition + Site Preparation +Grading/Excavation	2	27	48	0.1	3	1
Grading/Excavation + Drainage/Utilities/Trenching + Foundations/Concrete Pour	8	96	75	0.3	13	5
Continuous Concrete Pour	12	**373**	63	1.2	34	11
Foundations/Concrete Pour + Building Construction + Architectural Coatings	16	22	66	0.2	15	4
Foundations/Concrete Pour + Building Construction + Architectural Coatings	15	19	62	0.2	14	4
Building Construction + Architectural Coatings + Pavings	13	15	49	0.2	11	3
Maximum Daily Emissions	16	**373**	75	1.2	34	11

Source	VOC	NO_X	CO	SO_2	PM10[b]	PM2.5[b]
SCAQMD Numeric Indicators	**75**	**100**	**550**	**150**	**150**	**55**
Exceeds Thresholds?	No	**Yes**	No	No	No	No

[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Exhibit A of this Technical Appendix.

[b] Emissions include fugitive dust control measures consistent with SCAQMD Rule 403. Rule 403 measures included in the CalEEMod emissions modeling include the application of water to exposed and unpaved surfaces three times daily and limiting vehicle speeds to 15 miles per hour on unpaved roads.

SOURCE: ESA, 2019.

The Project's mitigated regional construction criteria pollutant emissions for VOC, NO_X, CO, SO_X, PM10, and PM2.5 are presented in **Table 3,** *Estimated Maximum Mitigated Regional Construction Emissions with Project Design Features*, for the Project mitigated construction scenario with implementation of AQ-PDF-2.

TABLE 3
ESTIMATED MAXIMUM MITIGATED REGIONAL CONSTRUCTION EMISSIONS
(POUNDS PER DAY) [a]

Source	VOC	NO_X	CO [b]	SO_2	PM10 [c]	PM2.5 [c]
Overlapping Phases						
Demolition + Site Preparation + Grading/Excavation	2	27	48	<1	3	1
Grading/Excavation + Drainage/Utilities/Trenching + Foundations	8	96	75	<1	13	5
Continuous Concrete Pour	7	95	103	<1	10	4
Foundations/Concrete Pour + Building Construction + Architectural Coatings	16	22	66	<1	15	4
Foundations/Concrete Pour + Building Construction + Architectural Coatings	15	19	62	<1	14	4
Building Construction + Architectural Coatings + Pavings	13	15	49	<1	11	3
Maximum Daily Emissions	16	96	103	<1	15	5
SCAQMD Numeric Indicators	**75**	**100**	**550**	**150**	**150**	**55**
Exceeds Thresholds?	No	No	No	No	No	No

[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Exhibit A of this Technical Appendix.

[b] CO emissions for multiple phases may be higher after mitigation due to Tier 4 Final CO emission factors from CalEEMod being higher than the unmitigated vehicle CO emissions factors.

[c] Emissions include fugitive dust control measures consistent with SCAQMD Rule 403. Rule 403 measures included in the CalEEMod emissions modeling include the application of water to exposed and unpaved surfaces three times daily and limiting vehicle speeds to 15 miles per hour on unpaved roads.

SOURCE: ESA, 2019.

5.1.2 Existing Site Operations

The results of the regional operational criteria pollutant emissions calculations for VOC, NO_X, CO, SO_X, PM10, and PM2.5 for the existing site operations are presented in **Table 4,** *Estimated Existing Site Regional Operational Emissions.*

TABLE 4
EXISTING SITE OPERATIONAL EMISSIONS (POUNDS PER DAY) [a]

Source	VOC	NOX	CO	SO2	PM10	PM2.5
Area	<1	<1	<1	<1	<1	<1
Energy (Natural Gas)	<1	<1	<1	<1	<1	<1
Motor Vehicles	1	2	10	<1	2	1
Total Existing Emissions	**2**	**2**	**10**	**<1**	**2**	**1**

[A] Totals may not add up exactly due to rounding in the modeling calculations Detailed emissions calculations are provided in Exhibit B of this Technical Appendix.

SOURCE: ESA, 2019.

5.1.3 Project Operations

The results of the regional operational criteria pollutant emissions calculations for VOC, NO_X, CO, SO_X, PM10, and PM2.5 for Project operations are presented in **Table 5,** *Estimated Existing Site Regional Operational Emissions.* For the regional emissions analysis, the Project operational emissions are evaluated based on the net change compared to the existing site operational emissions.

TABLE 5
ESTIMATED MAXIMUM REGIONAL OPERATIONAL EMISSIONS (POUNDS PER DAY) [a]

Source	VOC	NO_X	CO	SO_2	PM10	PM2.5
Existing						
Area (Coating, Consumer Products, Landscaping)	<1	<1	<1	<1	<1	<1
Energy (Natural Gas)	<1	<1	<1	<1	<1	<1
Mobile	1	2	10	<1	2	1
Total Existing	**2**	**2**	**10**	**<1**	**2**	**1**
Proposed Project						
Area (Coating, Consumer Products, Landscaping)	20	1	66	<1	<1	<1
Stationary (Charbroiler)	<1	-	-	-	<1	<1
Stationary (Emergency Generator)	<1	1	8	<1	<1	<1
Energy	<1	3	2	<1	<1	<1
Mobile	13	23	117	<1	35	9
Total Project	**33**	**28**	**193**	**<1**	**35**	**9**

Source	VOC	NO_X	CO	SO_2	PM10	PM2.5
Net Increase						
Area (Coating, Consumer Products, Landscaping)	19	1	66	<1	<1	<1
Stationary (Charbroilers)	<1	-	-	-	<1	<1
Stationary (Emergency Generators)	<1	1	8	<1	<1	<1
Energy	<1	3	2	<1	<1	<1
Mobile	12	21	107	<1	33	8
Net Total Regional Emissions	**31**	**26**	**183**	**<1**	**33**	**8**
SCAQMD Numeric Indicators	**55**	**55**	**550**	**150**	**150**	**55**
Exceeds Thresholds?	No	No	No	No	No	No

[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Exhibit C of this Technical Appendix.

SOURCE: ESA, 2019.

5.2 Localized Emissions

5.2.1 Project Construction

The results of the localized construction criteria pollutant emissions calculations for NO_X, CO, PM10, and PM2.5 are presented in **Table 6,** *Estimated Maximum Localized Construction Emissions without Project Design Features*, for the unmitigated Project construction scenario without implementation of AQ-PDF-2 and in **Table 7,** *Estimated Maximum Localized Construction Emissions with Project Design Features*, for the unmitigated Project construction scenario with implementation of AQ-PDF-2.

TABLE 6
ESTIMATED MAXIMUM LOCALIZED CONSTRUCTION EMISSIONS WITHOUT PROJECT DESIGN FEATURES (POUNDS PER DAY) [a]

Source	NO_X	CO	PM_{10} [b]	$PM_{2.5}$ [b]
On-site Construction Activities				
Demolition + Site Preparation +Grading/Excavation	39	39	2.9	2.3
Grading/Excavation + Drainage/Utilities/Trenching + Foundations/Concrete Pour	36	31	2.2	2.0
Continuous Concrete Pour	11	8	0.7	0.6
Foundations/Concrete Pour + Building Construction + Architectural Coatings	28	20	1.6	1.5
Foundations/Concrete Pour + Building Construction + Architectural Coatings	25	19	1.4	1.3
Building Construction + Architectural Coatings + Pavings	19	18	1.0	0.9
Maximum Localized (On-Site) Emissions	**39**	**39**	**2.9**	**2.3**
SCAQMD Screening Numeric Indicator [c]	**73**	**665**	**4.9**	**2.9**

Source	NO_X	CO	PM_{10} [b]	$PM_{2.5}$ [b]
Exceed Screening Numeric Indicator?	No	No	No	No

[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Exhibit A of this Technical Appendix. The derivations of the localized significance thresholds are also provided in Exhibit A of this Technical Appendix.

[b] Emissions include fugitive dust control measures consistent with SCAQMD Rule 403. Rule 403 measures included in the CalEEMod emissions modeling include the application of water to exposed and unpaved surfaces three times daily and limiting vehicle speeds to 15 miles per hour on unpaved roads.

[c] The SCAQMD LSTs are based on Source Receptor Area 1 (Central Los Angeles County) for a 0.96-acre site with sensitive receptors assumed to be located within 25 meters of the Project Site construction area.

SOURCE: ESA, 2019.

TABLE 7
ESTIMATED MAXIMUM LOCALIZED CONSTRUCTION EMISSIONS WITH PROJECT DESIGN FEATURES (POUNDS PER DAY) [a]

Source	NO_X	CO	PM10 [b]	PM2.5 [b]
On-site Construction Activities				
Demolition + Site Preparation +Grading/Excavation – 2019	7	41	1.0	0.5
Grading/Excavation + Drainage/Utilities/Trenching + Foundations/Concrete Pour	9	34	0.7	0.6
Continuous Concrete Pour	2	6	0.2	0.1
Foundations/Concrete Pour + Building Construction + Architectural Coatings	4	12	0.3	0.3
Foundations/Concrete Pour + Building Construction + Architectural Coatings	4	12	0.2	0.2
Building Construction + Architectural Coatings + Pavings	3	14	0.1	0.1
Maximum Localized (On-Site) Emissions	**9**	**41**	**1.0**	**0.6**
SCAQMD Screening Numeric Indicator [c]	**73**	**665**	**4.9**	**2.9**
Exceed Screening Numeric Indicator?	No	No	No	No

[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Exhibit A of this Technical Appendix. The derivations of the localized significance thresholds are also provided in Exhibit A of this Technical Appendix.

[b] Emissions include fugitive dust control measures consistent with SCAQMD Rule 403. Rule 403 measures included in the CalEEMod emissions modeling include the application of water to exposed and unpaved surfaces three times daily and limiting vehicle speeds to 15 miles per hour on unpaved roads.

[c] The SCAQMD LSTs are based on Source Receptor Area 1 (Central Los Angeles County) for a 0.96-acre site with sensitive receptors assumed to be located within 25 meters of the Project Site construction area.

SOURCE: ESA, 2019.

5.2.2 Project Operations

The results of the localized operational criteria pollutant emissions calculations for NO_X, CO, PM10, and PM2.5 are presented in **Table 8,** *Estimated Maximum Localized Operational Emissions.* For the localized emissions analysis, the Project operational emissions are

conservatively evaluated on their own (i.e., the localized operational emissions analysis does not take into account the net change compared to the existing site localized operational emissions).

TABLE 8
ESTIMATED MAXIMUM LOCALIZED OPERATIONAL EMISSIONS (POUNDS PER DAY) [a]

Source	NO_X	CO	PM10	PM2.5
Area (Coating, Consumer Products, Landscaping)	<1	66	0.4	0.4
Energy	3	2	0.2	0.2
Stationary (Charbroilers)	-	-	0.4	0.3
Stationary (Emergency Generators)	1	8	0.1	0.1
Total Localized (On-Site) Emissions	**4**	**75**	**1.1**	**0.9**
SCAQMD Screening Numeric Indicator [b]	**73**	**665**	**2.0**	**1.0**
Exceeds Screening Numeric Indicator?	No	No	No	No

[a] Totals may not add up exactly due to rounding in the modeling calculations. Detailed emissions calculations are provided in Exhibit C of this Technical Appendix. The derivations of the localized significance thresholds are also provided in Exhibit A of this Technical Appendix.

[b] The SCAQMD LSTs are based on Source Receptor Area 1 (Central Los Angeles County Costal) for a 0.96-acre site with sensitive receptors assumed to be located within 25 meters of the Project Site for operational emissions for LST purposes.

SOURCE: ESA, 2019.

Exhibit A
Project Construction Emissions

ESA

A-1 Summary of Assumptions

1045 Olive Street Project last update: 6/24/2019
Air Quality and Greenhouse Gas Assessment

Table 1: CalEEMod Land Use Inputs

Land Use	CalEEMod Land Use Type	Units [a]			
Existing Uses to be Demolished/Removed					
Four Commercial Buildings	General Office	35.65	gross ksf	35,651	gross sf
Paved Parking Area	Parking Lot	5.95	gross ksf	5,952	gross sf
Total Existing Uses to be Demolished/Removed				***41,603***	***gross sf***
Project					
High Rise	High-Rise Apartment	794	DU	739,246	sf
Commerical Uses	General Office	12.50	ksf	12,504	sf
Total Floor Area		751.78	ksf	751,777	sf
Open Space					
Publically Accessible Plaza Area	City Park	2.73	ksf	2,728	sf
Common OS (Exterior) for Project Residents	General Office	37.93	ksf	37,927	sf
Common OS (Interior) for Project Residents	General Office	23.03	ksf	23,025	sf
Private Balcony Space for Project Residents	Other Non-asphalt surfaces	39.70	ksf	39,700	sf
Total Open Space		103.38	ksf	103,380	sf
Total Parking	Enclosed Parking with Elevator	891	spaces	426,458	sf
Bicycle Parking	N/A	891	bicyle spaces		
Trees	N/A	130	(with just over 0.2 acres of planting area)		
Lot Area		0.96	acres		

Notes:

a. Square footage values may be rounded up to provide a conservative analysis.

Table 2: Construction Schedule and California Emissions Estimator Model (CalEEMod) Inputs

								Calculated in EMFAC2017 (outside of CalEEMod)										
CalEEMod Construction Phase	**Start Date**	**End Date**	**No. Work Days**	**Site Prep/ Demo (CY)**	**Truck Capacity (CY)**	**Truck Total One-Way Trips**	**Max Daily One-Way Trips**	**Soil/ Material Export (CY)**	**Soil/ Material Import (CY)**	**Soil/ Material Haul Truck Capacity (CY)**	**Soil/ Material Haul Truck Total One-Way Trips**	**Max Daily One-Way Trips**	**Concrete Mat Volume (CY)**	**Concrete Truck Capacity (CY)**	**Concrete Truck Total One-Way Trips**	**Concrete Truck Daily One-Way Trips**	**Vendor One-Way Trips/Max Day [a]**	**Worker One-Way Trips/Max Day [b]**
Project																		
Demolition	4/1/2019	4/30/2019	26	3,410	10	682	26										6	12
Site Preparation	4/1/2019	4/30/2019	26					520	-	20	52	30						38
Grading/Excavation	4/1/2019	7/31/2019	105					80,000	-	14	11,429	260					6	132
Drainage/Utilities/Trenching	7/1/2019	9/30/2019	79														6	50
Foundations	6/1/2019	12/31/2021	810															350
Continuous Concrete Pour (approx. 1 day during Foundations) (Calculated in EMFAC2017 - outside of CalEEMod)	1 day		1										12,148	10	1,215	1,215		350
Building Construction	7/1/2020	9/30/2022	705														174	738
Paving	5/1/2022	6/30/2022	53															50
Architectural Coating	10/1/2020	9/30/2022	626															62

Notes:

a. Vendor trucks trips for demolition, grading, and drainage/utilities/trenching represent water trucks. Vendor truck trips for building construction are based on CalEEMod defaults.

b. Worker trips provided by Project contractor representative.

Sources: 1045 Olive, LLC 2017. ODA Architecture, LLC 2017.

Table 3: Off-Road Heavy-Duty Construction Equipment

ıction Phase	Heavy-Duty Equipment	No. of Heavy-Duty Equipment	Max Expected Hours of Operation/Day Per Equipment	Max Expected Hours of Operation/Week Per Equipment	Emissions Tier Rating
Demolition	Air Compressor	1	10	60	
	Concrete/Industrial Saws	1	10	60	Tier 4 Final
	Jackhammers	1	10	60	
	Loaders	1	10	60	Tier 4 Final
	Sweeper/Scrubbers	1	6	36	
Site Preparation	Concrete/Industrial Saws	1	10	60	Tier 4 Final
	Excavator	1	10	60	Tier 4 Final
Grading/Excavation	Backhoes	1	10	60	Tier 4 Final
	Bore/Drill Rigs	1	10	60	Tier 4 Final
	Excavators	2	10	60	Tier 4 Final
	Loaders	1	10	60	Tier 4 Final
	Sweeper/Scrubbers	1	6	36	
Drainage/Utilities/Trenching	Backhoes	1	10	60	Tier 4 Final
	Sweeper/Srubbers	1	10	60	
Foundations	Backhoes	1	10	60	Tier 4 Final
	Cranes (Electric)	1	6	36	
	Forklifts	1	10	60	Tier 4 Final
	Sweeper/Scrubbers	1	6	36	Tier 4 Final
Building Construction	Cranes (Electric)	2	6	36	
	Forklifts	2	10	60	Tier 4 Final
	Sweeper/Scrubbers	1	6	36	
Paving	Backhoes	1	10	60	Tier 4 Final
	Signal Boards	1	10	60	
	Paver	1	10	60	Tier 4 Final
Architectural Coating	Air Compressor	1	10	60	
	Forklifts	1	10	60	Tier 4 Final

Sources: 1045 Olive, LLC 2017. ODA Architecture, LLC 2017.

Construction Assumptions - Demolition

Description: Surface parking and two-story multi-family structure

Demolition Schedule				**Notes**
Start Date	4/1/2019			
End Date	4/30/2019			
Work Days	26			

Demolition Quantities				**Notes**
Land Use	**Amount**	***Units***		
Residential Building	35.7	*KSF*		Estimate from Google Earth, two story multi-family
Hardscape Demo	6.0	*KSF*		Information from Client

Hardscape Demolition Volume				**Notes**
Total Area(KSF)	6.0			
Thickness (ft)	0.5	*feet*		
Debris Volume (CY)	110	*(rounded, estimated)*		

Building Demolition Volume				**Notes**
Total Area (KSF)	35.7			
Floor Height (ft)	10			Assumed
Building Volume (ft3)	356,510			
Building Volume (CY)	13,200			
Debris Volume (CY)	3,300	*(rounded, estimated)*		Rounded, 1 CY building volume = 0.25 CY waste volume

Total Debris (CY)	3,410			
Effective Building Floor Area (KSF)	**37.0**		<-------	**ENTER VALUE INTO CALEEMOD**
Truck Size (CY)	10			
Total Trucks	340	*total trucks*		
Daily Trucks	10	*trucks/day*		
Total One-Way Trips	**680**	*total trips*	<-------	**ENTER VALUE INTO CALEEMOD**

1045 Olive Street
Air Quality Assessment

Localized Significance Thresholds
(SCAQMD, Final Localized Significance Threshold Methodology, Appendix C (2008))

Source Receptor Area 1
Adjacent to Sensitive Receptor (i.e., within 25 meters)

	Screening Values			Project Site [a]
Acres	1	2	5	0.96
Construction LSTs				
NOX	74	108		**73**
CO	680	1,048		**665**
PM10	5	8		**4.9**
PM2.5	3	5		**2.9**
Operational LSTs				
NOX	74	108		**73**
CO	680	1,048		**665**
PM10 [b]	2	2	4	**2.0**
PM2.5	1	2	2	**1.0**

Notes:

a. Project screening levels are linearly interpolated based on the 1- and 2- acre acreening levels.

b. Since the 1- and 2-acre PM10 screening levels are the same,
the Project screening level for PM10 is calculated using the 5-acre screening value.

A-2 CalEEMod Output Files (without AQ-PDF-2)

1045 Olive Street Project - Construction

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	37.93	1000sqft	0.10	37,927.00	0
General Office Building	23.02	1000sqft	0.10	23,025.00	0
Enclosed Parking with Elevator	891.00	Space	0.10	426,458.00	0
Other Non-Asphalt Surfaces	39.70	1000sqft	0.10	39,700.00	0
City Park	0.06	Acre	0.06	2,728.00	0
High Turnover (Sit Down Restaurant)	12.50	1000sqft	0.10	12,504.00	0
Apartments High Rise	794.00	Dwelling Unit	0.40	739,273.00	1334

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	595	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - CO2 Intensity Factor: California Air Resources Board, Statewide Emission Factors (EF) For Use With AB 900 Projects (Jan 2017).
Land Use - Est. population reflects 1.68 avg. household size for Central City CPA, based on the 2015 Demographics Statistics Report by the City of Los Angeles Department of City Planning Demographics Research Unit.

Construction Phase - Refer to "Construction Schedule and California Emissions Estimator Model (CalEEMod) Inputs" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

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Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Trips and VMT - Refer to "Construction Schedule and California Emissions Estimator Model (CalEEMod) Inputs" provided in this Appendix. Soil/material haul trucks, vendor trucks, and concrete pour trucks (1-day) calculated outside CalEEMod using EMFAC.
Demolition - Demo Debris: 3,410 cy (estimated equivalent to 37,000 sf building floor area)

Grading - Site Prep: 520 cy export; Grading: 80,000 cy export.

Construction Off-road Equipment Mitigation - Electric cranes and air compressors; Water/Stablizers on exposed and unpaved areas (61% PM control); Limit vehicle speeds to 15 mph on unpaved roads.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	499,009.00	498,991.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,497,028.00	1,496,973.00
tblAreaCoating	Area_Residential_Exterior	499009	498991
tblAreaCoating	Area_Residential_Interior	1497028	1496973
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	626.00
tblConstructionPhase	NumDays	100.00	810.00
tblConstructionPhase	NumDays	100.00	705.00
tblConstructionPhase	NumDays	10.00	26.00
tblConstructionPhase	NumDays	2.00	105.00
tblConstructionPhase	NumDays	5.00	52.00
tblConstructionPhase	NumDays	1.00	26.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	0.96
tblGrading	AcresOfGrading	0.00	0.96
tblGrading	MaterialExported	0.00	80,000.00
tblGrading	MaterialExported	0.00	520.00
tblLandUse	LandUseSquareFeet	23,020.00	23,025.00
tblLandUse	LandUseSquareFeet	37,930.00	37,927.00
tblLandUse	LandUseSquareFeet	356,400.00	426,458.00
tblLandUse	LandUseSquareFeet	2,613.60	2,728.00
tblLandUse	LandUseSquareFeet	12,500.00	12,504.00
tblLandUse	LandUseSquareFeet	794,000.00	739,273.00
tblLandUse	LotAcreage	0.53	0.10
tblLandUse	LotAcreage	0.87	0.10
tblLandUse	LotAcreage	8.02	0.10
tblLandUse	LotAcreage	0.91	0.10
tblLandUse	LotAcreage	0.29	0.10
tblLandUse	LotAcreage	12.81	0.40
tblLandUse	Population	2,271.00	1,334.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	4.00	6.00
tblOffRoadEquipment	UsageHours	4.00	6.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	1.00	0.00
tblOffRoadEquipment	UsageHours	1.00	0.00
tblOffRoadEquipment	UsageHours	8.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	595
tblTripsAndVMT	HaulingTripNumber	168.00	0.00
tblTripsAndVMT	HaulingTripNumber	65.00	0.00
tblTripsAndVMT	HaulingTripNumber	10,000.00	0.00
tblTripsAndVMT	VendorTripNumber	174.00	0.00
tblTripsAndVMT	VendorTripNumber	174.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	12.00

tblTripsAndVMT	WorkerTripNumber	5.00	38.00
tblTripsAndVMT	WorkerTripNumber	15.00	132.00
tblTripsAndVMT	WorkerTripNumber	793.00	350.00
tblTripsAndVMT	WorkerTripNumber	5.00	50.00
tblTripsAndVMT	WorkerTripNumber	793.00	738.00
tblTripsAndVMT	WorkerTripNumber	159.00	62.00
tblTripsAndVMT	WorkerTripNumber	8.00	50.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	6.1855	39.8525	56.6104	0.1182	6.0424	2.3084	8.2103	1.5911	2.1868	3.5857	0.0000	11,737.0952	11,737.0952	1.8935	0.0000	11,784.4329
2020	16.7871	31.3121	69.8961	0.1691	12.8543	1.7226	14.5769	3.4090	1.5997	5.0088	0.0000	16,737.0342	16,737.0342	1.3498	0.0000	16,770.7785
2021	16.1311	28.1952	65.4007	0.1647	12.8543	1.4888	14.3431	3.4090	1.3824	4.7914	0.0000	16,307.6395	16,307.6395	1.3051	0.0000	16,340.2671
2022	14.1046	21.3615	49.9903	0.1256	9.5010	1.0784	10.5793	2.5197	1.0045	3.5242	0.0000	12,393.3914	12,393.3914	1.1109	0.0000	12,421.1636
Maximum	**16.7871**	**39.8525**	**69.8961**	**0.1691**	**12.8543**	**2.3084**	**14.5769**	**3.4090**	**2.1868**	**5.0088**	**0.0000**	**16,737.0342**	**16,737.0342**	**1.8935**	**0.0000**	**16,770.7785**

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					
2019	6.1855	39.8525	56.6104	0.1182	5.9839	2.3084	8.1518	1.5826	2.1868	3.5771	0.0000	11,737.0952	11,737.0952	1.8935	0.0000	11,784.4329
2020	16.7871	31.3121	69.8961	0.1691	12.8543	1.7226	14.5769	3.4090	1.5997	5.0088	0.0000	16,737.0342	16,737.0342	1.3498	0.0000	16,770.7785
2021	16.1311	28.1952	65.4007	0.1647	12.8543	1.4888	14.3431	3.4090	1.3824	4.7914	0.0000	16,307.6395	16,307.6395	1.3051	0.0000	16,340.2671
2022	14.1046	21.3615	49.9903	0.1256	9.5010	1.0784	10.5793	2.5197	1.0045	3.5242	0.0000	12,393.3914	12,393.3914	1.1109	0.0000	12,421.1636
Maximum	**16.7871**	**39.8525**	**69.8961**	**0.1691**	**12.8543**	**2.3084**	**14.5769**	**3.4090**	**2.1868**	**5.0088**	**0.0000**	**16,737.0342**	**16,737.0342**	**1.8935**	**0.0000**	**16,770.7785**

	ROG	NOx	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**	**0.14**	**0.00**	**0.12**	**0.08**	**0.00**	**0.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2019	4/30/2019	6	26	
2	Site Preparation	Site Preparation	4/1/2019	4/30/2019	6	26	
3	Grading	Grading	4/1/2019	7/31/2019	6	105	
4	Foundations/Concrete Pour	Building Construction	6/1/2019	12/31/2021	6	810	
5	Drainage/Utilities/Trenching	Trenching	7/1/2019	9/30/2019	6	79	
6	Building Construction	Building Construction	7/1/2020	9/30/2022	6	705	
7	Architectural Coating	Architectural Coating	10/1/2020	9/30/2022	6	626	
8	Paving	Paving	5/1/2022	6/30/2022	6	52	

Acres of Grading (Site Preparation Phase): 0.96

Acres of Grading (Grading Phase): 0.96

Acres of Paving: 0.2

Residential Indoor: 1,496,973; Residential Outdoor: 498,991; Non-Residential Indoor: 110,184; Non-Residential Outdoor: 36,728; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	10.00	78	0.48
Demolition	Concrete/Industrial Saws	1	10.00	81	0.73
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Demolition	Sweepers/Scrubbers	1	6.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Site Preparation	Concrete/Industrial Saws	1	10.00	81	0.73
Site Preparation	Excavators	1	10.00	158	0.38
Site Preparation	Graders	0	0.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Grading	Bore/Drill Rigs	1	10.00	221	0.50
Grading	Concrete/Industrial Saws	0	0.00	81	0.73
Grading	Excavators	2	10.00	158	0.38
Grading	Rubber Tired Dozers	0	0.00	247	0.40
Grading	Sweepers/Scrubbers	1	6.00	64	0.46
Grading	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Foundations/Concrete Pour	Cranes	1	6.00	231	0.29
Foundations/Concrete Pour	Forklifts	1	10.00	89	0.20
Foundations/Concrete Pour	Sweepers/Scrubbers	1	6.00	64	0.46
Foundations/Concrete Pour	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Drainage/Utilities/Trenching	Sweepers/Scrubbers	1	10.00	64	0.46
Drainage/Utilities/Trenching	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Building Construction	Cranes	2	6.00	231	0.29
Building Construction	Forklifts	2	10.00	89	0.20

Building Construction	Sweepers/Scrubbers	1	6.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Architectural Coating	Air Compressors	1	10.00	78	0.48
Architectural Coating	Forklifts	1	10.00	89	0.20
Paving	Cement and Mortar Mixers	0	0.00	9	0.56
Paving	Pavers	1	10.00	130	0.42
Paving	Rollers	0	0.00	80	0.38
Paving	Signal Boards	1	10.00	6	0.82
Paving	Tractors/Loaders/Backhoes	1	10.00	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
Demolition	4	12.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	38.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	132.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations/Concrete Pour	4	350.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Drainage/Utilities/Trenching	2	50.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	738.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	62.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	50.00	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

3.2 Demolition - 2019

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					1.4008	0.0000	1.4008	0.2121	0.0000	0.2121			0.0000			0.0000
Off-Road	1.5266	12.3249	12.0727	0.0186		0.8473	0.8473		0.8196	0.8196		1,783.0748	1,783.0748	0.2731		1,789.9024
Total	**1.5266**	**12.3249**	**12.0727**	**0.0186**	**1.4008**	**0.8473**	**2.2481**	**0.2121**	**0.8196**	**1.0317**		**1,783.0748**	**1,783.0748**	**0.2731**		**1,789.9024**

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	0.0600	0.0441	0.5786	1.4600e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		145.5544	145.5544	5.0000e-003		145.6793
Total	**0.0600**	**0.0441**	**0.5786**	**1.4600e-003**	**0.1341**	**1.1600e-003**	**0.1353**	**0.0356**	**1.0700e-003**	**0.0366**		**145.5544**	**145.5544**	**5.0000e-003**		**145.6793**

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					0.5463	0.0000	0.5463	0.0827	0.0000	0.0827			0.0000			0.0000
Off-Road	1.5266	12.3249	12.0727	0.0186		0.8473	0.8473		0.8196	0.8196	0.0000	1,783.0748	1,783.0748	0.2731		1,789.9024
Total	**1.5266**	**12.3249**	**12.0727**	**0.0186**	**0.5463**	**0.8473**	**1.3936**	**0.0827**	**0.8196**	**0.9023**	**0.0000**	**1,783.0748**	**1,783.0748**	**0.2731**		**1,789.9024**

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	0.0600	0.0441	0.5786	1.4600e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		145.5544	145.5544	5.0000e-003		145.6793
Total	**0.0600**	**0.0441**	**0.5786**	**1.4600e-003**	**0.1341**	**1.1600e-003**	**0.1353**	**0.0356**	**1.0700e-003**	**0.0366**		**145.5544**	**145.5544**	**5.0000e-003**		**145.6793**

3.3 Site Preparation - 2019

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					0.0414	0.0000	0.0414	4.5700e-003	0.0000	4.5700e-003			0.0000			0.0000
Off-Road	0.9034	7.8380	8.7068	0.0143		0.4485	0.4485		0.4355	0.4355		1,379.7391	1,379.7391	0.2543		1,386.0963
Total	**0.9034**	**7.8380**	**8.7068**	**0.0143**	**0.0414**	**0.4485**	**0.4899**	**4.5700e-003**	**0.4355**	**0.4401**		**1,379.7391**	**1,379.7391**	**0.2543**		**1,386.0963**

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	0.1898	0.1395	1.8322	4.6300e-003	0.4248	3.6600e-003	0.4284	0.1127	3.3800e-003	0.1160		460.9221	460.9221	0.0158		461.3179
Total	**0.1898**	**0.1395**	**1.8322**	**4.6300e-003**	**0.4248**	**3.6600e-003**	**0.4284**	**0.1127**	**3.3800e-003**	**0.1160**		**460.9221**	**460.9221**	**0.0158**		**461.3179**

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					0.0162	0.0000	0.0162	1.7800e-003	0.0000	1.7800e-003			0.0000			0.0000
Off-Road	0.9034	7.8380	8.7068	0.0143		0.4485	0.4485		0.4355	0.4355	0.0000	1,379.7391	1,379.7391	0.2543		1,386.0963
Total	**0.9034**	**7.8380**	**8.7068**	**0.0143**	**0.0162**	**0.4485**	**0.4646**	**1.7800e-003**	**0.4355**	**0.4373**	**0.0000**	**1,379.7391**	**1,379.7391**	**0.2543**		**1,386.0963**

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	0.1898	0.1395	1.8322	4.6300e-003	0.4248	3.6600e-003	0.4284	0.1127	3.3800e-003	0.1160		460.9221	460.9221	0.0158		461.3179
Total	**0.1898**	**0.1395**	**1.8322**	**4.6300e-003**	**0.4248**	**3.6600e-003**	**0.4284**	**0.1127**	**3.3800e-003**	**0.1160**		**460.9221**	**460.9221**	**0.0158**		**461.3179**

3.4 Grading - 2019

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					0.0959	0.0000	0.0959	0.0141	0.0000	0.0141			0.0000			0.0000
Off-Road	1.7971	19.0214	17.9961	0.0343		0.9951	0.9951		0.9155	0.9155		3,394.4788	3,394.4788	1.0740		3,421.3282
Total	**1.7971**	**19.0214**	**17.9961**	**0.0343**	**0.0959**	**0.9951**	**1.0910**	**0.0141**	**0.9155**	**0.9296**		**3,394.4788**	**3,394.4788**	**1.0740**		**3,421.3282**

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	0.6594	0.4846	6.3646	0.0161	1.4755	0.0127	1.4882	0.3913	0.0117	0.4030		1,601.0978	1,601.0978	0.0550		1,602.4727
Total	**0.6594**	**0.4846**	**6.3646**	**0.0161**	**1.4755**	**0.0127**	**1.4882**	**0.3913**	**0.0117**	**0.4030**		**1,601.0978**	**1,601.0978**	**0.0550**		**1,602.4727**

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					0.0374	0.0000	0.0374	5.5000e-003	0.0000	5.5000e-003			0.0000			0.0000
Off-Road	1.7971	19.0214	17.9961	0.0343		0.9951	0.9951		0.9155	0.9155	0.0000	3,394.4788	3,394.4788	1.0740		3,421.3282
Total	**1.7971**	**19.0214**	**17.9961**	**0.0343**	**0.0374**	**0.9951**	**1.0325**	**5.5000e-003**	**0.9155**	**0.9210**	**0.0000**	**3,394.4788**	**3,394.4788**	**1.0740**		**3,421.3282**

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	0.6594	0.4846	6.3646	0.0161	1.4755	0.0127	1.4882	0.3913	0.0117	0.4030		1,601.0978	1,601.0978	0.0550		1,602.4727
Total	**0.6594**	**0.4846**	**6.3646**	**0.0161**	**1.4755**	**0.0127**	**1.4882**	**0.3913**	**0.0117**	**0.4030**		**1,601.0978**	**1,601.0978**	**0.0550**		**1,602.4727**

3.5 Foundations/Concrete Pour - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0830	11.0709	7.5886	0.0120		0.6751	0.6751		0.6211	0.6211		1,190.7210	1,190.7210	0.3767		1,200.1393
Total	**1.0830**	**11.0709**	**7.5886**	**0.0120**		**0.6751**	**0.6751**		**0.6211**	**0.6211**		**1,190.7210**	**1,190.7210**	**0.3767**		**1,200.1393**

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	1.7485	1.2850	16.8757	0.0427	3.9122	0.0337	3.9459	1.0375	0.0311	1.0686		4,245.3351	4,245.3351	0.1458		4,248.9806
Total	**1.7485**	**1.2850**	**16.8757**	**0.0427**	**3.9122**	**0.0337**	**3.9459**	**1.0375**	**0.0311**	**1.0686**		**4,245.3351**	**4,245.3351**	**0.1458**		**4,248.9806**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0830	11.0709	7.5886	0.0120		0.6751	0.6751		0.6211	0.6211	0.0000	1,190.7210	1,190.7210	0.3767		1,200.1393
Total	**1.0830**	**11.0709**	**7.5886**	**0.0120**		**0.6751**	**0.6751**		**0.6211**	**0.6211**	**0.0000**	**1,190.7210**	**1,190.7210**	**0.3767**		**1,200.1393**

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	1.7485	1.2850	16.8757	0.0427	3.9122	0.0337	3.9459	1.0375	0.0311	1.0686		4,245.3351	4,245.3351	0.1458		4,248.9806
Total	**1.7485**	**1.2850**	**16.8757**	**0.0427**	**3.9122**	**0.0337**	**3.9459**	**1.0375**	**0.0311**	**1.0686**		**4,245.3351**	**4,245.3351**	**0.1458**		**4,248.9806**

3.5 Foundations/Concrete Pour - 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	0.9844	10.0424	7.4020	0.0120		0.5942	0.5942		0.5466	0.5466		1,164.7237	1,164.7237	0.3767		1,174.1411
Total	**0.9844**	**10.0424**	**7.4020**	**0.0120**		**0.5942**	**0.5942**		**0.5466**	**0.5466**		**1,164.7237**	**1,164.7237**	**0.3767**		**1,174.1411**

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	1.6107	1.1459	15.3246	0.0413	3.9122	0.0327	3.9449	1.0375	0.0301	1.0677		4,116.3951	4,116.3951	0.1298		4,119.6396
Total	**1.6107**	**1.1459**	**15.3246**	**0.0413**	**3.9122**	**0.0327**	**3.9449**	**1.0375**	**0.0301**	**1.0677**		**4,116.3951**	**4,116.3951**	**0.1298**		**4,119.6396**

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	0.9844	10.0424	7.4020	0.0120		0.5942	0.5942		0.5466	0.5466	0.0000	1,164.7237	1,164.7237	0.3767		1,174.1411
Total	**0.9844**	**10.0424**	**7.4020**	**0.0120**		**0.5942**	**0.5942**		**0.5466**	**0.5466**	**0.0000**	**1,164.7237**	**1,164.7237**	**0.3767**		**1,174.1411**

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	1.6107	1.1459	15.3246	0.0413	3.9122	0.0327	3.9449	1.0375	0.0301	1.0677		4,116.3951	4,116.3951	0.1298		4,119.6396
Total	**1.6107**	**1.1459**	**15.3246**	**0.0413**	**3.9122**	**0.0327**	**3.9449**	**1.0375**	**0.0301**	**1.0677**		**4,116.3951**	**4,116.3951**	**0.1298**		**4,119.6396**

3.5 Foundations/Concrete Pour - 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	0.8769	9.0236	7.2355	0.0120		0.5055	0.5055		0.4650	0.4650		1,164.8500	1,164.8500	0.3767		1,174.2684
Total	**0.8769**	**9.0236**	**7.2355**	**0.0120**		**0.5055**	**0.5055**		**0.4650**	**0.4650**		**1,164.8500**	**1,164.8500**	**0.3767**		**1,174.2684**

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	1.5003	1.0312	14.0971	0.0400	3.9122	0.0316	3.9438	1.0375	0.0291	1.0667		3,985.6945	3,985.6945	0.1174		3,988.6304
Total	**1.5003**	**1.0312**	**14.0971**	**0.0400**	**3.9122**	**0.0316**	**3.9438**	**1.0375**	**0.0291**	**1.0667**		**3,985.6945**	**3,985.6945**	**0.1174**		**3,988.6304**

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	0.8769	9.0236	7.2355	0.0120		0.5055	0.5055		0.4650	0.4650	0.0000	1,164.8500	1,164.8500	0.3767		1,174.2684
Total	**0.8769**	**9.0236**	**7.2355**	**0.0120**		**0.5055**	**0.5055**		**0.4650**	**0.4650**	**0.0000**	**1,164.8500**	**1,164.8500**	**0.3767**		**1,174.2684**

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	1.5003	1.0312	14.0971	0.0400	3.9122	0.0316	3.9438	1.0375	0.0291	1.0667		3,985.6945	3,985.6945	0.1174		3,988.6304
Total	**1.5003**	**1.0312**	**14.0971**	**0.0400**	**3.9122**	**0.0316**	**3.9438**	**1.0375**	**0.0291**	**1.0667**		**3,985.6945**	**3,985.6945**	**0.1174**		**3,988.6304**

3.6 Drainage/Utilities/Trenching - 2019

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	0.6477	6.0193	5.3746	7.0600e-003		0.4464	0.4464		0.4107	0.4107		698.9861	698.9861	0.2212		704.5149
Total	**0.6477**	**6.0193**	**5.3746**	**7.0600e-003**		**0.4464**	**0.4464**		**0.4107**	**0.4107**		**698.9861**	**698.9861**	**0.2212**		**704.5149**

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	0.2498	0.1836	2.4108	6.0900e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		606.4764	606.4764	0.0208		606.9972
Total	**0.2498**	**0.1836**	**2.4108**	**6.0900e-003**	**0.5589**	**4.8200e-003**	**0.5637**	**0.1482**	**4.4400e-003**	**0.1527**		**606.4764**	**606.4764**	**0.0208**		**606.9972**

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	0.6477	6.0193	5.3746	7.0600e-003		0.4464	0.4464		0.4107	0.4107	0.0000	698.9861	698.9861	0.2212		704.5149
Total	**0.6477**	**6.0193**	**5.3746**	**7.0600e-003**		**0.4464**	**0.4464**		**0.4107**	**0.4107**	**0.0000**	**698.9861**	**698.9861**	**0.2212**		**704.5149**

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	0.2498	0.1836	2.4108	6.0900e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		606.4764	606.4764	0.0208		606.9972
Total	**0.2498**	**0.1836**	**2.4108**	**6.0900e-003**	**0.5589**	**4.8200e-003**	**0.5637**	**0.1482**	**4.4400e-003**	**0.1527**		**606.4764**	**606.4764**	**0.0208**		**606.9972**

3.7 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	1.2426	13.0765	7.6142	0.0144		0.7153	0.7153		0.6581	0.6581		1,392.8938	1,392.8938	0.4505		1,404.1561
Total	**1.2426**	**13.0765**	**7.6142**	**0.0144**		**0.7153**	**0.7153**		**0.6581**	**0.6581**		**1,392.8938**	**1,392.8938**	**0.4505**		**1,404.1561**

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	3.3963	2.4161	32.3129	0.0872	8.2491	0.0690	8.3181	2.1877	0.0635	2.2512		8,679.7130	8,679.7130	0.2737		8,686.5543
Total	**3.3963**	**2.4161**	**32.3129**	**0.0872**	**8.2491**	**0.0690**	**8.3181**	**2.1877**	**0.0635**	**2.2512**		**8,679.7130**	**8,679.7130**	**0.2737**		**8,686.5543**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2426	13.0765	7.6142	0.0144		0.7153	0.7153		0.6581	0.6581	0.0000	1,392.8938	1,392.8938	0.4505		1,404.1561
Total	**1.2426**	**13.0765**	**7.6142**	**0.0144**		**0.7153**	**0.7153**		**0.6581**	**0.6581**	**0.0000**	**1,392.8938**	**1,392.8938**	**0.4505**		**1,404.1561**

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	3.3963	2.4161	32.3129	0.0872	8.2491	0.0690	8.3181	2.1877	0.0635	2.2512		8,679.7130	8,679.7130	0.2737		8,686.5543
Total	**3.3963**	**2.4161**	**32.3129**	**0.0872**	**8.2491**	**0.0690**	**8.3181**	**2.1877**	**0.0635**	**2.2512**		**8,679.7130**	**8,679.7130**	**0.2737**		**8,686.5543**

3.7 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1141	11.7647	7.3571	0.0144		0.6180	0.6180		0.5686	0.5686		1,392.8175	1,392.8175	0.4505		1,404.0792
Total	**1.1141**	**11.7647**	**7.3571**	**0.0144**		**0.6180**	**0.6180**		**0.5686**	**0.5686**		**1,392.8175**	**1,392.8175**	**0.4505**		**1,404.0792**

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	3.1635	2.1744	29.7247	0.0844	8.2491	0.0667	8.3158	2.1877	0.0614	2.2491		8,404.1215	8,404.1215	0.2476		8,410.3122
Total	**3.1635**	**2.1744**	**29.7247**	**0.0844**	**8.2491**	**0.0667**	**8.3158**	**2.1877**	**0.0614**	**2.2491**		**8,404.1215**	**8,404.1215**	**0.2476**		**8,410.3122**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1141	11.7647	7.3571	0.0144		0.6180	0.6180		0.5686	0.5686	0.0000	1,392.8175	1,392.8175	0.4505		1,404.0792
Total	**1.1141**	**11.7647**	**7.3571**	**0.0144**		**0.6180**	**0.6180**		**0.5686**	**0.5686**	**0.0000**	**1,392.8175**	**1,392.8175**	**0.4505**		**1,404.0792**

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	3.1635	2.1744	29.7247	0.0844	8.2491	0.0667	8.3158	2.1877	0.0614	2.2491		8,404.1215	8,404.1215	0.2476		8,410.3122
Total	**3.1635**	**2.1744**	**29.7247**	**0.0844**	**8.2491**	**0.0667**	**8.3158**	**2.1877**	**0.0614**	**2.2491**		**8,404.1215**	**8,404.1215**	**0.2476**		**8,410.3122**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9885	10.2658	7.1606	0.0144		0.5257	0.5257		0.4836	0.4836		1,392.9549	1,392.9549	0.4505		1,404.2177
Total	**0.9885**	**10.2658**	**7.1606**	**0.0144**		**0.5257**	**0.5257**		**0.4836**	**0.4836**		**1,392.9549**	**1,392.9549**	**0.4505**		**1,404.2177**

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	2.9633	1.9641	27.4243	0.0814	8.2491	0.0646	8.3137	2.1877	0.0595	2.2472		8,108.4969	8,108.4969	0.2238		8,114.0919
Total	**2.9633**	**1.9641**	**27.4243**	**0.0814**	**8.2491**	**0.0646**	**8.3137**	**2.1877**	**0.0595**	**2.2472**		**8,108.4969**	**8,108.4969**	**0.2238**		**8,114.0919**

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	0.9885	10.2658	7.1606	0.0144		0.5257	0.5257		0.4836	0.4836	0.0000	1,392.9549	1,392.9549	0.4505		1,404.2177
Total	**0.9885**	**10.2658**	**7.1606**	**0.0144**		**0.5257**	**0.5257**		**0.4836**	**0.4836**	**0.0000**	**1,392.9549**	**1,392.9549**	**0.4505**		**1,404.2177**

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	2.9633	1.9641	27.4243	0.0814	8.2491	0.0646	8.3137	2.1877	0.0595	2.2472		8,108.4969	8,108.4969	0.2238		8,114.0919
Total	**2.9633**	**1.9641**	**27.4243**	**0.0814**	**8.2491**	**0.0646**	**8.3137**	**2.1877**	**0.0595**	**2.2472**		**8,108.4969**	**8,108.4969**	**0.2238**		**8,114.0919**

3.8 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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5836	4.4283	4.5277	6.8600e-003		0.3057	0.3057		0.2961	0.2961		654.1186	654.1186	0.0962		656.5227
Total	**9.2677**	**4.4283**	**4.5277**	**6.8600e-003**		**0.3057**	**0.3057**		**0.2961**	**0.2961**		**654.1186**	**654.1186**	**0.0962**		**656.5227**

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	0.2853	0.2030	2.7146	7.3200e-003	0.6930	5.7900e-003	0.6988	0.1838	5.3400e-003	0.1891		729.1900	729.1900	0.0230		729.7647
Total	**0.2853**	**0.2030**	**2.7146**	**7.3200e-003**	**0.6930**	**5.7900e-003**	**0.6988**	**0.1838**	**5.3400e-003**	**0.1891**		**729.1900**	**729.1900**	**0.0230**		**729.7647**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5836	4.4283	4.5277	6.8600e-003		0.3057	0.3057		0.2961	0.2961	0.0000	654.1186	654.1186	0.0962		656.5227
Total	**9.2677**	**4.4283**	**4.5277**	**6.8600e-003**		**0.3057**	**0.3057**		**0.2961**	**0.2961**	**0.0000**	**654.1186**	**654.1186**	**0.0962**		**656.5227**

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	0.2853	0.2030	2.7146	7.3200e-003	0.6930	5.7900e-003	0.6988	0.1838	5.3400e-003	0.1891		729.1900	729.1900	0.0230		729.7647
Total	**0.2853**	**0.2030**	**2.7146**	**7.3200e-003**	**0.6930**	**5.7900e-003**	**0.6988**	**0.1838**	**5.3400e-003**	**0.1891**		**729.1900**	**729.1900**	**0.0230**		**729.7647**

3.8 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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5265	4.0187	4.4891	6.8600e-003		0.2615	0.2615		0.2531	0.2531		654.1186	654.1186	0.0920		656.4195
Total	**9.2106**	**4.0187**	**4.4891**	**6.8600e-003**		**0.2615**	**0.2615**		**0.2531**	**0.2531**		**654.1186**	**654.1186**	**0.0920**		**656.4195**

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	0.2658	0.1827	2.4972	7.0900e-003	0.6930	5.6000e-003	0.6986	0.1838	5.1600e-003	0.1890		706.0373	706.0373	0.0208		706.5574
Total	**0.2658**	**0.1827**	**2.4972**	**7.0900e-003**	**0.6930**	**5.6000e-003**	**0.6986**	**0.1838**	**5.1600e-003**	**0.1890**		**706.0373**	**706.0373**	**0.0208**		**706.5574**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5265	4.0187	4.4891	6.8600e-003		0.2615	0.2615		0.2531	0.2531	0.0000	654.1186	654.1186	0.0920		656.4195
Total	**9.2106**	**4.0187**	**4.4891**	**6.8600e-003**		**0.2615**	**0.2615**		**0.2531**	**0.2531**	**0.0000**	**654.1186**	**654.1186**	**0.0920**		**656.4195**

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	0.2658	0.1827	2.4972	7.0900e-003	0.6930	5.6000e-003	0.6986	0.1838	5.1600e-003	0.1890		706.0373	706.0373	0.0208		706.5574
Total	**0.2658**	**0.1827**	**2.4972**	**7.0900e-003**	**0.6930**	**5.6000e-003**	**0.6986**	**0.1838**	**5.1600e-003**	**0.1890**		**706.0373**	**706.0373**	**0.0208**		**706.5574**

3.8 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4829	3.6661	4.4648	6.8600e-003		0.2235	0.2235		0.2166	0.2166		654.1186	654.1186	0.0904		656.3783
Total	**9.1670**	**3.6661**	**4.4648**	**6.8600e-003**		**0.2235**	**0.2235**		**0.2166**	**0.2166**		**654.1186**	**654.1186**	**0.0904**		**656.3783**

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	0.2489	0.1650	2.3039	6.8400e-003	0.6930	5.4200e-003	0.6984	0.1838	5.0000e-003	0.1888		681.2016	681.2016	0.0188		681.6717
Total	**0.2489**	**0.1650**	**2.3039**	**6.8400e-003**	**0.6930**	**5.4200e-003**	**0.6984**	**0.1838**	**5.0000e-003**	**0.1888**		**681.2016**	**681.2016**	**0.0188**		**681.6717**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4829	3.6661	4.4648	6.8600e-003		0.2235	0.2235		0.2166	0.2166	0.0000	654.1186	654.1186	0.0904		656.3783
Total	**9.1670**	**3.6661**	**4.4648**	**6.8600e-003**		**0.2235**	**0.2235**		**0.2166**	**0.2166**	**0.0000**	**654.1186**	**654.1186**	**0.0904**		**656.3783**

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	0.2489	0.1650	2.3039	6.8400e-003	0.6930	5.4200e-003	0.6984	0.1838	5.0000e-003	0.1888		681.2016	681.2016	0.0188		681.6717
Total	**0.2489**	**0.1650**	**2.3039**	**6.8400e-003**	**0.6930**	**5.4200e-003**	**0.6984**	**0.1838**	**5.0000e-003**	**0.1888**		**681.2016**	**681.2016**	**0.0188**		**681.6717**

3.9 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5362	5.1674	6.7786	0.0106		0.2548	0.2548		0.2358	0.2358		1,007.2631	1,007.2631	0.3122		1,015.0690
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5362**	**5.1674**	**6.7786**	**0.0106**		**0.2548**	**0.2548**		**0.2358**	**0.2358**		**1,007.2631**	**1,007.2631**	**0.3122**		**1,015.0690**

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	0.2008	0.1331	1.8580	5.5100e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		549.3562	549.3562	0.0152		549.7352
Total	**0.2008**	**0.1331**	**1.8580**	**5.5100e-003**	**0.5589**	**4.3700e-003**	**0.5633**	**0.1482**	**4.0300e-003**	**0.1523**		**549.3562**	**549.3562**	**0.0152**		**549.7352**

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	0.5362	5.1674	6.7786	0.0106		0.2548	0.2548		0.2358	0.2358	0.0000	1,007.2631	1,007.2631	0.3122		1,015.0690
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5362**	**5.1674**	**6.7786**	**0.0106**		**0.2548**	**0.2548**		**0.2358**	**0.2358**	**0.0000**	**1,007.2631**	**1,007.2631**	**0.3122**		**1,015.0690**

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	0.2008	0.1331	1.8580	5.5100e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		549.3562	549.3562	0.0152		549.7352
Total	**0.2008**	**0.1331**	**1.8580**	**5.5100e-003**	**0.5589**	**4.3700e-003**	**0.5633**	**0.1482**	**4.0300e-003**	**0.1523**		**549.3562**	**549.3562**	**0.0152**		**549.7352**

1045 Olive Street Project - Construction - Los Angeles-South Coast County, Winter

1045 Olive Street Project - Construction

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	37.93	1000sqft	0.10	37,927.00	0
General Office Building	23.02	1000sqft	0.10	23,025.00	0
Enclosed Parking with Elevator	891.00	Space	0.10	426,458.00	0
Other Non-Asphalt Surfaces	39.70	1000sqft	0.10	39,700.00	0
City Park	0.06	Acre	0.06	2,728.00	0
High Turnover (Sit Down Restaurant)	12.50	1000sqft	0.10	12,504.00	0
Apartments High Rise	794.00	Dwelling Unit	0.40	739,273.00	1334

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	595	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - CO2 Intensity Factor: California Air Resources Board, Statewide Emission Factors (EF) For Use With AB 900 Projects (Jan 2017).
Land Use - Est. population reflects 1.68 avg. household size for Central City CPA, based on the 2015 Demographics Statistics Report by the City of Los Angeles Department of City Planning Demographics Research Unit.

Construction Phase - Refer to "Construction Schedule and California Emissions Estimator Model (CalEEMod) Inputs" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

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Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Trips and VMT - Refer to "Construction Schedule and California Emissions Estimator Model (CalEEMod) Inputs" provided in this Appendix. Soil/material haul trucks, vendor trucks, and concrete pour trucks (1-day) calculated outside CalEEMod using EMFAC.
Demolition - Demo Debris: 3,410 cy (estimated equivalent to 37,000 sf building floor area)

Grading - Site Prep: 520 cy export; Grading: 80,000 cy export.

Construction Off-road Equipment Mitigation - Electric cranes and air compressors; Water/Stablizers on exposed and unpaved areas (61% PM control); Limit vehicle speeds to 15 mph on unpaved roads.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	499,009.00	498,991.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,497,028.00	1,496,973.00
tblAreaCoating	Area_Residential_Exterior	499009	498991
tblAreaCoating	Area_Residential_Interior	1497028	1496973
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	626.00
tblConstructionPhase	NumDays	100.00	810.00
tblConstructionPhase	NumDays	100.00	705.00
tblConstructionPhase	NumDays	10.00	26.00
tblConstructionPhase	NumDays	2.00	105.00
tblConstructionPhase	NumDays	5.00	52.00
tblConstructionPhase	NumDays	1.00	26.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	0.96
tblGrading	AcresOfGrading	0.00	0.96
tblGrading	MaterialExported	0.00	80,000.00
tblGrading	MaterialExported	0.00	520.00
tblLandUse	LandUseSquareFeet	23,020.00	23,025.00
tblLandUse	LandUseSquareFeet	37,930.00	37,927.00
tblLandUse	LandUseSquareFeet	356,400.00	426,458.00
tblLandUse	LandUseSquareFeet	2,613.60	2,728.00
tblLandUse	LandUseSquareFeet	12,500.00	12,504.00
tblLandUse	LandUseSquareFeet	794,000.00	739,273.00
tblLandUse	LotAcreage	0.53	0.10
tblLandUse	LotAcreage	0.87	0.10
tblLandUse	LotAcreage	8.02	0.10
tblLandUse	LotAcreage	0.91	0.10
tblLandUse	LotAcreage	0.29	0.10
tblLandUse	LotAcreage	12.81	0.40
tblLandUse	Population	2,271.00	1,334.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	4.00	6.00
tblOffRoadEquipment	UsageHours	4.00	6.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	1.00	0.00
tblOffRoadEquipment	UsageHours	1.00	0.00
tblOffRoadEquipment	UsageHours	8.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	595
tblTripsAndVMT	HaulingTripNumber	168.00	0.00
tblTripsAndVMT	HaulingTripNumber	65.00	0.00
tblTripsAndVMT	HaulingTripNumber	10,000.00	0.00
tblTripsAndVMT	VendorTripNumber	174.00	0.00
tblTripsAndVMT	VendorTripNumber	174.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	12.00

tblTripsAndVMT	WorkerTripNumber	5.00	38.00
tblTripsAndVMT	WorkerTripNumber	15.00	132.00
tblTripsAndVMT	WorkerTripNumber	793.00	350.00
tblTripsAndVMT	WorkerTripNumber	5.00	50.00
tblTripsAndVMT	WorkerTripNumber	793.00	738.00
tblTripsAndVMT	WorkerTripNumber	159.00	62.00
tblTripsAndVMT	WorkerTripNumber	8.00	50.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	6.4739	39.9243	54.4990	0.1144	6.0424	2.3084	8.2103	1.5911	2.1868	3.5857	0.0000	11,360.3218	11,360.3218	1.8809	0.0000	11,407.3439
2020	17.3715	31.7156	65.6602	0.1611	12.8543	1.7226	14.5769	3.4090	1.5997	5.0088	0.0000	15,947.0706	15,947.0706	1.3248	0.0000	15,980.1895
2021	16.6850	28.5576	61.4311	0.1570	12.8543	1.4888	14.3431	3.4090	1.3824	4.7914	0.0000	15,542.6737	15,542.6737	1.2821	0.0000	15,574.7259
2022	14.4983	21.6029	47.2340	0.1201	9.5010	1.0784	10.5793	2.5197	1.0045	3.5242	0.0000	11,848.1770	11,848.1770	1.0953	0.0000	11,875.5587
Maximum	**17.3715**	**39.9243**	**65.6602**	**0.1611**	**12.8543**	**2.3084**	**14.5769**	**3.4090**	**2.1868**	**5.0088**	**0.0000**	**15,947.0706**	**15,947.0706**	**1.8809**	**0.0000**	**15,980.1895**

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					
2019	6.4739	39.9243	54.4990	0.1144	5.9839	2.3084	8.1518	1.5826	2.1868	3.5771	0.0000	11,360.3218	11,360.3218	1.8809	0.0000	11,407.3439
2020	17.3715	31.7156	65.6602	0.1611	12.8543	1.7226	14.5769	3.4090	1.5997	5.0088	0.0000	15,947.0706	15,947.0706	1.3248	0.0000	15,980.1895
2021	16.6850	28.5576	61.4311	0.1570	12.8543	1.4888	14.3431	3.4090	1.3824	4.7914	0.0000	15,542.6737	15,542.6737	1.2821	0.0000	15,574.7259
2022	14.4983	21.6029	47.2340	0.1201	9.5010	1.0784	10.5793	2.5197	1.0045	3.5242	0.0000	11,848.1770	11,848.1770	1.0953	0.0000	11,875.5587
Maximum	**17.3715**	**39.9243**	**65.6602**	**0.1611**	**12.8543**	**2.3084**	**14.5769**	**3.4090**	**2.1868**	**5.0088**	**0.0000**	**15,947.0706**	**15,947.0706**	**1.8809**	**0.0000**	**15,980.1895**

	ROG	NOx	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**	**0.14**	**0.00**	**0.12**	**0.08**	**0.00**	**0.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2019	4/30/2019	6	26	
2	Site Preparation	Site Preparation	4/1/2019	4/30/2019	6	26	
3	Grading	Grading	4/1/2019	7/31/2019	6	105	
4	Foundations/Concrete Pour	Building Construction	6/1/2019	12/31/2021	6	810	
5	Drainage/Utilities/Trenching	Trenching	7/1/2019	9/30/2019	6	79	
6	Building Construction	Building Construction	7/1/2020	9/30/2022	6	705	
7	Architectural Coating	Architectural Coating	10/1/2020	9/30/2022	6	626	
8	Paving	Paving	5/1/2022	6/30/2022	6	52	

Acres of Grading (Site Preparation Phase): 0.96

Acres of Grading (Grading Phase): 0.96

Acres of Paving: 0.2

Residential Indoor: 1,496,973; Residential Outdoor: 498,991; Non-Residential Indoor: 110,184; Non-Residential Outdoor: 36,728; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	10.00	78	0.48
Demolition	Concrete/Industrial Saws	1	10.00	81	0.73
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Demolition	Sweepers/Scrubbers	1	6.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Site Preparation	Concrete/Industrial Saws	1	10.00	81	0.73
Site Preparation	Excavators	1	10.00	158	0.38
Site Preparation	Graders	0	0.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Grading	Bore/Drill Rigs	1	10.00	221	0.50
Grading	Concrete/Industrial Saws	0	0.00	81	0.73
Grading	Excavators	2	10.00	158	0.38
Grading	Rubber Tired Dozers	0	0.00	247	0.40
Grading	Sweepers/Scrubbers	1	6.00	64	0.46
Grading	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Foundations/Concrete Pour	Cranes	1	6.00	231	0.29
Foundations/Concrete Pour	Forklifts	1	10.00	89	0.20
Foundations/Concrete Pour	Sweepers/Scrubbers	1	6.00	64	0.46
Foundations/Concrete Pour	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Drainage/Utilities/Trenching	Sweepers/Scrubbers	1	10.00	64	0.46
Drainage/Utilities/Trenching	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Building Construction	Cranes	2	6.00	231	0.29
Building Construction	Forklifts	2	10.00	89	0.20

Building Construction	Sweepers/Scrubbers	1	6.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Architectural Coating	Air Compressors	1	10.00	78	0.48
Architectural Coating	Forklifts	1	10.00	89	0.20
Paving	Cement and Mortar Mixers	0	0.00	9	0.56
Paving	Pavers	1	10.00	130	0.42
Paving	Rollers	0	0.00	80	0.38
Paving	Signal Boards	1	10.00	6	0.82
Paving	Tractors/Loaders/Backhoes	1	10.00	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
Demolition	4	12.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	38.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	132.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations/Concrete Pour	4	350.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Drainage/Utilities/Trenching	2	50.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	738.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	62.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	50.00	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

3.2 Demolition - 2019

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					1.4008	0.0000	1.4008	0.2121	0.0000	0.2121			0.0000			0.0000
Off-Road	1.5266	12.3249	12.0727	0.0186		0.8473	0.8473		0.8196	0.8196		1,783.0748	1,783.0748	0.2731		1,789.9024
Total	**1.5266**	**12.3249**	**12.0727**	**0.0186**	**1.4008**	**0.8473**	**2.2481**	**0.2121**	**0.8196**	**1.0317**		**1,783.0748**	**1,783.0748**	**0.2731**		**1,789.9024**

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	0.0665	0.0488	0.5310	1.3800e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		137.0557	137.0557	4.7100e-003		137.1736
Total	**0.0665**	**0.0488**	**0.5310**	**1.3800e-003**	**0.1341**	**1.1600e-003**	**0.1353**	**0.0356**	**1.0700e-003**	**0.0366**		**137.0557**	**137.0557**	**4.7100e-003**		**137.1736**

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					0.5463	0.0000	0.5463	0.0827	0.0000	0.0827			0.0000			0.0000
Off-Road	1.5266	12.3249	12.0727	0.0186		0.8473	0.8473		0.8196	0.8196	0.0000	1,783.0748	1,783.0748	0.2731		1,789.9024
Total	**1.5266**	**12.3249**	**12.0727**	**0.0186**	**0.5463**	**0.8473**	**1.3936**	**0.0827**	**0.8196**	**0.9023**	**0.0000**	**1,783.0748**	**1,783.0748**	**0.2731**		**1,789.9024**

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	0.0665	0.0488	0.5310	1.3800e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		137.0557	137.0557	4.7100e-003		137.1736
Total	**0.0665**	**0.0488**	**0.5310**	**1.3800e-003**	**0.1341**	**1.1600e-003**	**0.1353**	**0.0356**	**1.0700e-003**	**0.0366**		**137.0557**	**137.0557**	**4.7100e-003**		**137.1736**

3.3 Site Preparation - 2019

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					0.0414	0.0000	0.0414	4.5700e-003	0.0000	4.5700e-003			0.0000			0.0000
Off-Road	0.9034	7.8380	8.7068	0.0143		0.4485	0.4485		0.4355	0.4355		1,379.7391	1,379.7391	0.2543		1,386.0963
Total	**0.9034**	**7.8380**	**8.7068**	**0.0143**	**0.0414**	**0.4485**	**0.4899**	**4.5700e-003**	**0.4355**	**0.4401**		**1,379.7391**	**1,379.7391**	**0.2543**		**1,386.0963**

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	0.2104	0.1545	1.6814	4.3600e-003	0.4248	3.6600e-003	0.4284	0.1127	3.3800e-003	0.1160		434.0097	434.0097	0.0149		434.3830
Total	**0.2104**	**0.1545**	**1.6814**	**4.3600e-003**	**0.4248**	**3.6600e-003**	**0.4284**	**0.1127**	**3.3800e-003**	**0.1160**		**434.0097**	**434.0097**	**0.0149**		**434.3830**

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					0.0162	0.0000	0.0162	1.7800e-003	0.0000	1.7800e-003			0.0000			0.0000
Off-Road	0.9034	7.8380	8.7068	0.0143		0.4485	0.4485		0.4355	0.4355	0.0000	1,379.7391	1,379.7391	0.2543		1,386.0963
Total	**0.9034**	**7.8380**	**8.7068**	**0.0143**	**0.0162**	**0.4485**	**0.4646**	**1.7800e-003**	**0.4355**	**0.4373**	**0.0000**	**1,379.7391**	**1,379.7391**	**0.2543**		**1,386.0963**

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	0.2104	0.1545	1.6814	4.3600e-003	0.4248	3.6600e-003	0.4284	0.1127	3.3800e-003	0.1160		434.0097	434.0097	0.0149		434.3830
Total	**0.2104**	**0.1545**	**1.6814**	**4.3600e-003**	**0.4248**	**3.6600e-003**	**0.4284**	**0.1127**	**3.3800e-003**	**0.1160**		**434.0097**	**434.0097**	**0.0149**		**434.3830**

3.4 Grading - 2019

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					0.0959	0.0000	0.0959	0.0141	0.0000	0.0141			0.0000			0.0000
Off-Road	1.7971	19.0214	17.9961	0.0343		0.9951	0.9951		0.9155	0.9155		3,394.4788	3,394.4788	1.0740		3,421.3282
Total	**1.7971**	**19.0214**	**17.9961**	**0.0343**	**0.0959**	**0.9951**	**1.0910**	**0.0141**	**0.9155**	**0.9296**		**3,394.4788**	**3,394.4788**	**1.0740**		**3,421.3282**

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	0.7310	0.5367	5.8407	0.0151	1.4755	0.0127	1.4882	0.3913	0.0117	0.4030		1,507.6127	1,507.6127	0.0519		1,508.9093
Total	**0.7310**	**0.5367**	**5.8407**	**0.0151**	**1.4755**	**0.0127**	**1.4882**	**0.3913**	**0.0117**	**0.4030**		**1,507.6127**	**1,507.6127**	**0.0519**		**1,508.9093**

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					0.0374	0.0000	0.0374	5.5000e-003	0.0000	5.5000e-003			0.0000			0.0000
Off-Road	1.7971	19.0214	17.9961	0.0343		0.9951	0.9951		0.9155	0.9155	0.0000	3,394.4788	3,394.4788	1.0740		3,421.3282
Total	**1.7971**	**19.0214**	**17.9961**	**0.0343**	**0.0374**	**0.9951**	**1.0325**	**5.5000e-003**	**0.9155**	**0.9210**	**0.0000**	**3,394.4788**	**3,394.4788**	**1.0740**		**3,421.3282**

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	0.7310	0.5367	5.8407	0.0151	1.4755	0.0127	1.4882	0.3913	0.0117	0.4030		1,507.6127	1,507.6127	0.0519		1,508.9093
Total	**0.7310**	**0.5367**	**5.8407**	**0.0151**	**1.4755**	**0.0127**	**1.4882**	**0.3913**	**0.0117**	**0.4030**		**1,507.6127**	**1,507.6127**	**0.0519**		**1,508.9093**

3.5 Foundations/Concrete Pour - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0830	11.0709	7.5886	0.0120		0.6751	0.6751		0.6211	0.6211		1,190.7210	1,190.7210	0.3767		1,200.1393
Total	**1.0830**	**11.0709**	**7.5886**	**0.0120**		**0.6751**	**0.6751**		**0.6211**	**0.6211**		**1,190.7210**	**1,190.7210**	**0.3767**		**1,200.1393**

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	1.9382	1.4231	15.4867	0.0402	3.9122	0.0337	3.9459	1.0375	0.0311	1.0686		3,997.4579	3,997.4579	0.1375		4,000.8958
Total	**1.9382**	**1.4231**	**15.4867**	**0.0402**	**3.9122**	**0.0337**	**3.9459**	**1.0375**	**0.0311**	**1.0686**		**3,997.4579**	**3,997.4579**	**0.1375**		**4,000.8958**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0830	11.0709	7.5886	0.0120		0.6751	0.6751		0.6211	0.6211	0.0000	1,190.7210	1,190.7210	0.3767		1,200.1393
Total	**1.0830**	**11.0709**	**7.5886**	**0.0120**		**0.6751**	**0.6751**		**0.6211**	**0.6211**	**0.0000**	**1,190.7210**	**1,190.7210**	**0.3767**		**1,200.1393**

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	1.9382	1.4231	15.4867	0.0402	3.9122	0.0337	3.9459	1.0375	0.0311	1.0686		3,997.4579	3,997.4579	0.1375		4,000.8958
Total	**1.9382**	**1.4231**	**15.4867**	**0.0402**	**3.9122**	**0.0337**	**3.9459**	**1.0375**	**0.0311**	**1.0686**		**3,997.4579**	**3,997.4579**	**0.1375**		**4,000.8958**

3.5 Foundations/Concrete Pour - 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	0.9844	10.0424	7.4020	0.0120		0.5942	0.5942		0.5466	0.5466		1,164.7237	1,164.7237	0.3767		1,174.1411
Total	**0.9844**	**10.0424**	**7.4020**	**0.0120**		**0.5942**	**0.5942**		**0.5466**	**0.5466**		**1,164.7237**	**1,164.7237**	**0.3767**		**1,174.1411**

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	1.7886	1.2687	14.0354	0.0389	3.9122	0.0327	3.9449	1.0375	0.0301	1.0677		3,875.9714	3,875.9714	0.1222		3,879.0255
Total	**1.7886**	**1.2687**	**14.0354**	**0.0389**	**3.9122**	**0.0327**	**3.9449**	**1.0375**	**0.0301**	**1.0677**		**3,875.9714**	**3,875.9714**	**0.1222**		**3,879.0255**

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	0.9844	10.0424	7.4020	0.0120		0.5942	0.5942		0.5466	0.5466	0.0000	1,164.7237	1,164.7237	0.3767		1,174.1411
Total	**0.9844**	**10.0424**	**7.4020**	**0.0120**		**0.5942**	**0.5942**		**0.5466**	**0.5466**	**0.0000**	**1,164.7237**	**1,164.7237**	**0.3767**		**1,174.1411**

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	1.7886	1.2687	14.0354	0.0389	3.9122	0.0327	3.9449	1.0375	0.0301	1.0677		3,875.9714	3,875.9714	0.1222		3,879.0255
Total	**1.7886**	**1.2687**	**14.0354**	**0.0389**	**3.9122**	**0.0327**	**3.9449**	**1.0375**	**0.0301**	**1.0677**		**3,875.9714**	**3,875.9714**	**0.1222**		**3,879.0255**

3.5 Foundations/Concrete Pour - 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	0.8769	9.0236	7.2355	0.0120		0.5055	0.5055		0.4650	0.4650		1,164.8500	1,164.8500	0.3767		1,174.2684
Total	**0.8769**	**9.0236**	**7.2355**	**0.0120**		**0.5055**	**0.5055**		**0.4650**	**0.4650**		**1,164.8500**	**1,164.8500**	**0.3767**		**1,174.2684**

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	1.6689	1.1415	12.8890	0.0377	3.9122	0.0316	3.9438	1.0375	0.0291	1.0667		3,752.8788	3,752.8788	0.1104		3,755.6396
Total	**1.6689**	**1.1415**	**12.8890**	**0.0377**	**3.9122**	**0.0316**	**3.9438**	**1.0375**	**0.0291**	**1.0667**		**3,752.8788**	**3,752.8788**	**0.1104**		**3,755.6396**

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	0.8769	9.0236	7.2355	0.0120		0.5055	0.5055		0.4650	0.4650	0.0000	1,164.8500	1,164.8500	0.3767		1,174.2684
Total	**0.8769**	**9.0236**	**7.2355**	**0.0120**		**0.5055**	**0.5055**		**0.4650**	**0.4650**	**0.0000**	**1,164.8500**	**1,164.8500**	**0.3767**		**1,174.2684**

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	1.6689	1.1415	12.8890	0.0377	3.9122	0.0316	3.9438	1.0375	0.0291	1.0667		3,752.8788	3,752.8788	0.1104		3,755.6396
Total	**1.6689**	**1.1415**	**12.8890**	**0.0377**	**3.9122**	**0.0316**	**3.9438**	**1.0375**	**0.0291**	**1.0667**		**3,752.8788**	**3,752.8788**	**0.1104**		**3,755.6396**

3.6 Drainage/Utilities/Trenching - 2019

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	0.6477	6.0193	5.3746	7.0600e-003		0.4464	0.4464		0.4107	0.4107		698.9861	698.9861	0.2212		704.5149
Total	**0.6477**	**6.0193**	**5.3746**	**7.0600e-003**		**0.4464**	**0.4464**		**0.4107**	**0.4107**		**698.9861**	**698.9861**	**0.2212**		**704.5149**

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	0.2769	0.2033	2.2124	5.7400e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		571.0654	571.0654	0.0197		571.5565
Total	**0.2769**	**0.2033**	**2.2124**	**5.7400e-003**	**0.5589**	**4.8200e-003**	**0.5637**	**0.1482**	**4.4400e-003**	**0.1527**		**571.0654**	**571.0654**	**0.0197**		**571.5565**

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	0.6477	6.0193	5.3746	7.0600e-003		0.4464	0.4464		0.4107	0.4107	0.0000	698.9861	698.9861	0.2212		704.5149
Total	**0.6477**	**6.0193**	**5.3746**	**7.0600e-003**		**0.4464**	**0.4464**		**0.4107**	**0.4107**	**0.0000**	**698.9861**	**698.9861**	**0.2212**		**704.5149**

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	0.2769	0.2033	2.2124	5.7400e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		571.0654	571.0654	0.0197		571.5565
Total	**0.2769**	**0.2033**	**2.2124**	**5.7400e-003**	**0.5589**	**4.8200e-003**	**0.5637**	**0.1482**	**4.4400e-003**	**0.1527**		**571.0654**	**571.0654**	**0.0197**		**571.5565**

3.7 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	1.2426	13.0765	7.6142	0.0144		0.7153	0.7153		0.6581	0.6581		1,392.8938	1,392.8938	0.4505		1,404.1561
Total	**1.2426**	**13.0765**	**7.6142**	**0.0144**		**0.7153**	**0.7153**		**0.6581**	**0.6581**		**1,392.8938**	**1,392.8938**	**0.4505**		**1,404.1561**

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	3.7714	2.6750	29.5946	0.0821	8.2491	0.0690	8.3181	2.1877	0.0635	2.2512		8,172.7625	8,172.7625	0.2576		8,179.2024
Total	**3.7714**	**2.6750**	**29.5946**	**0.0821**	**8.2491**	**0.0690**	**8.3181**	**2.1877**	**0.0635**	**2.2512**		**8,172.7625**	**8,172.7625**	**0.2576**		**8,179.2024**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2426	13.0765	7.6142	0.0144		0.7153	0.7153		0.6581	0.6581	0.0000	1,392.8938	1,392.8938	0.4505		1,404.1561
Total	**1.2426**	**13.0765**	**7.6142**	**0.0144**		**0.7153**	**0.7153**		**0.6581**	**0.6581**	**0.0000**	**1,392.8938**	**1,392.8938**	**0.4505**		**1,404.1561**

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	3.7714	2.6750	29.5946	0.0821	8.2491	0.0690	8.3181	2.1877	0.0635	2.2512		8,172.7625	8,172.7625	0.2576		8,179.2024
Total	**3.7714**	**2.6750**	**29.5946**	**0.0821**	**8.2491**	**0.0690**	**8.3181**	**2.1877**	**0.0635**	**2.2512**		**8,172.7625**	**8,172.7625**	**0.2576**		**8,179.2024**

3.7 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1141	11.7647	7.3571	0.0144		0.6180	0.6180		0.5686	0.5686		1,392.8175	1,392.8175	0.4505		1,404.0792
Total	**1.1141**	**11.7647**	**7.3571**	**0.0144**		**0.6180**	**0.6180**		**0.5686**	**0.5686**		**1,392.8175**	**1,392.8175**	**0.4505**		**1,404.0792**

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	3.5189	2.4070	27.1773	0.0794	8.2491	0.0667	8.3158	2.1877	0.0614	2.2491		7,913.2131	7,913.2131	0.2329		7,919.0344
Total	**3.5189**	**2.4070**	**27.1773**	**0.0794**	**8.2491**	**0.0667**	**8.3158**	**2.1877**	**0.0614**	**2.2491**		**7,913.2131**	**7,913.2131**	**0.2329**		**7,919.0344**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1141	11.7647	7.3571	0.0144		0.6180	0.6180		0.5686	0.5686	0.0000	1,392.8175	1,392.8175	0.4505		1,404.0792
Total	**1.1141**	**11.7647**	**7.3571**	**0.0144**		**0.6180**	**0.6180**		**0.5686**	**0.5686**	**0.0000**	**1,392.8175**	**1,392.8175**	**0.4505**		**1,404.0792**

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	3.5189	2.4070	27.1773	0.0794	8.2491	0.0667	8.3158	2.1877	0.0614	2.2491		7,913.2131	7,913.2131	0.2329		7,919.0344
Total	**3.5189**	**2.4070**	**27.1773**	**0.0794**	**8.2491**	**0.0667**	**8.3158**	**2.1877**	**0.0614**	**2.2491**		**7,913.2131**	**7,913.2131**	**0.2329**		**7,919.0344**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9885	10.2658	7.1606	0.0144		0.5257	0.5257		0.4836	0.4836		1,392.9549	1,392.9549	0.4505		1,404.2177
Total	**0.9885**	**10.2658**	**7.1606**	**0.0144**		**0.5257**	**0.5257**		**0.4836**	**0.4836**		**1,392.9549**	**1,392.9549**	**0.4505**		**1,404.2177**

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	3.3051	2.1737	25.0312	0.0766	8.2491	0.0646	8.3137	2.1877	0.0595	2.2472		7,635.1226	7,635.1226	0.2102		7,640.3784
Total	**3.3051**	**2.1737**	**25.0312**	**0.0766**	**8.2491**	**0.0646**	**8.3137**	**2.1877**	**0.0595**	**2.2472**		**7,635.1226**	**7,635.1226**	**0.2102**		**7,640.3784**

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	0.9885	10.2658	7.1606	0.0144		0.5257	0.5257		0.4836	0.4836	0.0000	1,392.9549	1,392.9549	0.4505		1,404.2177
Total	**0.9885**	**10.2658**	**7.1606**	**0.0144**		**0.5257**	**0.5257**		**0.4836**	**0.4836**	**0.0000**	**1,392.9549**	**1,392.9549**	**0.4505**		**1,404.2177**

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	3.3051	2.1737	25.0312	0.0766	8.2491	0.0646	8.3137	2.1877	0.0595	2.2472		7,635.1226	7,635.1226	0.2102		7,640.3784
Total	**3.3051**	**2.1737**	**25.0312**	**0.0766**	**8.2491**	**0.0646**	**8.3137**	**2.1877**	**0.0595**	**2.2472**		**7,635.1226**	**7,635.1226**	**0.2102**		**7,640.3784**

3.8 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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5836	4.4283	4.5277	6.8600e-003		0.3057	0.3057		0.2961	0.2961		654.1186	654.1186	0.0962		656.5227
Total	**9.2677**	**4.4283**	**4.5277**	**6.8600e-003**		**0.3057**	**0.3057**		**0.2961**	**0.2961**		**654.1186**	**654.1186**	**0.0962**		**656.5227**

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	0.3168	0.2247	2.4863	6.8900e-003	0.6930	5.7900e-003	0.6988	0.1838	5.3400e-003	0.1891		686.6006	686.6006	0.0216		687.1417
Total	**0.3168**	**0.2247**	**2.4863**	**6.8900e-003**	**0.6930**	**5.7900e-003**	**0.6988**	**0.1838**	**5.3400e-003**	**0.1891**		**686.6006**	**686.6006**	**0.0216**		**687.1417**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5836	4.4283	4.5277	6.8600e-003		0.3057	0.3057		0.2961	0.2961	0.0000	654.1186	654.1186	0.0962		656.5227
Total	**9.2677**	**4.4283**	**4.5277**	**6.8600e-003**		**0.3057**	**0.3057**		**0.2961**	**0.2961**	**0.0000**	**654.1186**	**654.1186**	**0.0962**		**656.5227**

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	0.3168	0.2247	2.4863	6.8900e-003	0.6930	5.7900e-003	0.6988	0.1838	5.3400e-003	0.1891		686.6006	686.6006	0.0216		687.1417
Total	**0.3168**	**0.2247**	**2.4863**	**6.8900e-003**	**0.6930**	**5.7900e-003**	**0.6988**	**0.1838**	**5.3400e-003**	**0.1891**		**686.6006**	**686.6006**	**0.0216**		**687.1417**

3.8 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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5265	4.0187	4.4891	6.8600e-003		0.2615	0.2615		0.2531	0.2531		654.1186	654.1186	0.0920		656.4195
Total	**9.2106**	**4.0187**	**4.4891**	**6.8600e-003**		**0.2615**	**0.2615**		**0.2531**	**0.2531**		**654.1186**	**654.1186**	**0.0920**		**656.4195**

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	0.2956	0.2022	2.2832	6.6700e-003	0.6930	5.6000e-003	0.6986	0.1838	5.1600e-003	0.1890		664.7957	664.7957	0.0196		665.2847
Total	**0.2956**	**0.2022**	**2.2832**	**6.6700e-003**	**0.6930**	**5.6000e-003**	**0.6986**	**0.1838**	**5.1600e-003**	**0.1890**		**664.7957**	**664.7957**	**0.0196**		**665.2847**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5265	4.0187	4.4891	6.8600e-003		0.2615	0.2615		0.2531	0.2531	0.0000	654.1186	654.1186	0.0920		656.4195
Total	**9.2106**	**4.0187**	**4.4891**	**6.8600e-003**		**0.2615**	**0.2615**		**0.2531**	**0.2531**	**0.0000**	**654.1186**	**654.1186**	**0.0920**		**656.4195**

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	0.2956	0.2022	2.2832	6.6700e-003	0.6930	5.6000e-003	0.6986	0.1838	5.1600e-003	0.1890		664.7957	664.7957	0.0196		665.2847
Total	**0.2956**	**0.2022**	**2.2832**	**6.6700e-003**	**0.6930**	**5.6000e-003**	**0.6986**	**0.1838**	**5.1600e-003**	**0.1890**		**664.7957**	**664.7957**	**0.0196**		**665.2847**

3.8 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4829	3.6661	4.4648	6.8600e-003		0.2235	0.2235		0.2166	0.2166		654.1186	654.1186	0.0904		656.3783
Total	**9.1670**	**3.6661**	**4.4648**	**6.8600e-003**		**0.2235**	**0.2235**		**0.2166**	**0.2166**		**654.1186**	**654.1186**	**0.0904**		**656.3783**

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	0.2777	0.1826	2.1029	6.4400e-003	0.6930	5.4200e-003	0.6984	0.1838	5.0000e-003	0.1888		641.4331	641.4331	0.0177		641.8746
Total	**0.2777**	**0.1826**	**2.1029**	**6.4400e-003**	**0.6930**	**5.4200e-003**	**0.6984**	**0.1838**	**5.0000e-003**	**0.1888**		**641.4331**	**641.4331**	**0.0177**		**641.8746**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4829	3.6661	4.4648	6.8600e-003		0.2235	0.2235		0.2166	0.2166	0.0000	654.1186	654.1186	0.0904		656.3783
Total	**9.1670**	**3.6661**	**4.4648**	**6.8600e-003**		**0.2235**	**0.2235**		**0.2166**	**0.2166**	**0.0000**	**654.1186**	**654.1186**	**0.0904**		**656.3783**

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	0.2777	0.1826	2.1029	6.4400e-003	0.6930	5.4200e-003	0.6984	0.1838	5.0000e-003	0.1888		641.4331	641.4331	0.0177		641.8746
Total	**0.2777**	**0.1826**	**2.1029**	**6.4400e-003**	**0.6930**	**5.4200e-003**	**0.6984**	**0.1838**	**5.0000e-003**	**0.1888**		**641.4331**	**641.4331**	**0.0177**		**641.8746**

3.9 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5362	5.1674	6.7786	0.0106		0.2548	0.2548		0.2358	0.2358		1,007.2631	1,007.2631	0.3122		1,015.0690
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5362**	**5.1674**	**6.7786**	**0.0106**		**0.2548**	**0.2548**		**0.2358**	**0.2358**		**1,007.2631**	**1,007.2631**	**0.3122**		**1,015.0690**

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	0.2239	0.1473	1.6959	5.1900e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		517.2847	517.2847	0.0142		517.6408
Total	**0.2239**	**0.1473**	**1.6959**	**5.1900e-003**	**0.5589**	**4.3700e-003**	**0.5633**	**0.1482**	**4.0300e-003**	**0.1523**		**517.2847**	**517.2847**	**0.0142**		**517.6408**

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	0.5362	5.1674	6.7786	0.0106		0.2548	0.2548		0.2358	0.2358	0.0000	1,007.2631	1,007.2631	0.3122		1,015.0690
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5362**	**5.1674**	**6.7786**	**0.0106**		**0.2548**	**0.2548**		**0.2358**	**0.2358**	**0.0000**	**1,007.2631**	**1,007.2631**	**0.3122**		**1,015.0690**

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	0.2239	0.1473	1.6959	5.1900e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		517.2847	517.2847	0.0142		517.6408
Total	**0.2239**	**0.1473**	**1.6959**	**5.1900e-003**	**0.5589**	**4.3700e-003**	**0.5633**	**0.1482**	**4.0300e-003**	**0.1523**		**517.2847**	**517.2847**	**0.0142**		**517.6408**

A-3 CalEEMod Output Files (with AQ-PDF-2)

1045 Olive Street Project - Construction - Los Angeles-South Coast County, Summer

1045 Olive Street Project - Construction

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	37.93	1000sqft	0.10	37,927.00	0
General Office Building	23.02	1000sqft	0.10	23,025.00	0
Enclosed Parking with Elevator	891.00	Space	0.10	426,458.00	0
Other Non-Asphalt Surfaces	39.70	1000sqft	0.10	39,700.00	0
City Park	0.06	Acre	0.06	2,728.00	0
High Turnover (Sit Down Restaurant)	12.50	1000sqft	0.10	12,504.00	0
Apartments High Rise	794.00	Dwelling Unit	0.40	739,273.00	1334

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	595	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - CO2 Intensity Factor: California Air Resources Board, Statewide Emission Factors (EF) For Use With AB 900 Projects (Jan 2017).

Land Use - Est. population reflects 1.68 avg. household size for Central City CPA, based on the 2015 Demographics Statistics Report by the City of Los Angeles Department of City Planning Demographics Research Unit.

Construction Phase - Refer to "Construction Schedule and California Emissions Estimator Model (CalEEMod) Inputs" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

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Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Trips and VMT - Refer to "Construction Schedule and California Emissions Estimator Model (CalEEMod) Inputs" provided in this Appendix. Soil/material haul trucks, vendor trucks and concrete pour trucks (1-day) calculated outside CalEEMod using EMFAC.
Demolition - Demo Debris: 3,410 cy (estimated equivalent to 37,000 sf building floor area)

Grading - Site Prep: 520 cy export; Grading: 80,000 cy export.

Construction Off-road Equipment Mitigation - Electric cranes and air compressors; Tier 4 equipment (>50 hp); Water/Stablizers on exposed and unpaved areas (61% PM control); Limit vehicle speeds to 15 mph on unpaved roads.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	499,009.00	498,991.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,497,028.00	1,496,973.00
tblAreaCoating	Area_Residential_Exterior	499009	498991
tblAreaCoating	Area_Residential_Interior	1497028	1496973
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	CNG
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	626.00
tblConstructionPhase	NumDays	100.00	810.00
tblConstructionPhase	NumDays	100.00	705.00
tblConstructionPhase	NumDays	10.00	26.00
tblConstructionPhase	NumDays	2.00	105.00
tblConstructionPhase	NumDays	5.00	52.00
tblConstructionPhase	NumDays	1.00	26.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	0.96
tblGrading	AcresOfGrading	0.00	0.96
tblGrading	MaterialExported	0.00	80,000.00
tblGrading	MaterialExported	0.00	520.00
tblLandUse	LandUseSquareFeet	23,020.00	23,025.00
tblLandUse	LandUseSquareFeet	37,930.00	37,927.00
tblLandUse	LandUseSquareFeet	356,400.00	426,458.00

tblLandUse	LandUseSquareFeet	2,613.60	2,728.00
tblLandUse	LandUseSquareFeet	12,500.00	12,504.00
tblLandUse	LandUseSquareFeet	794,000.00	739,273.00
tblLandUse	LotAcreage	0.53	0.10
tblLandUse	LotAcreage	0.87	0.10
tblLandUse	LotAcreage	8.02	0.10
tblLandUse	LotAcreage	0.91	0.10
tblLandUse	LotAcreage	0.29	0.10
tblLandUse	LotAcreage	12.81	0.40
tblLandUse	Population	2,271.00	1,334.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	4.00	6.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	10.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	1.00	0.00
tblOffRoadEquipment	UsageHours	1.00	0.00
tblOffRoadEquipment	UsageHours	8.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	595
tblTripsAndVMT	HaulingTripNumber	168.00	0.00
tblTripsAndVMT	HaulingTripNumber	65.00	0.00
tblTripsAndVMT	HaulingTripNumber	10,000.00	0.00
tblTripsAndVMT	VendorTripNumber	174.00	0.00
tblTripsAndVMT	VendorTripNumber	174.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	38.00
tblTripsAndVMT	WorkerTripNumber	15.00	132.00
tblTripsAndVMT	WorkerTripNumber	793.00	350.00
tblTripsAndVMT	WorkerTripNumber	5.00	50.00
tblTripsAndVMT	WorkerTripNumber	793.00	738.00
tblTripsAndVMT	WorkerTripNumber	159.00	62.00
tblTripsAndVMT	WorkerTripNumber	8.00	50.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	6.1855	39.8525	56.6104	0.1182	6.0424	2.3084	8.2103	1.5911	2.1868	3.5857	0.0000	11,737.0952	11,737.0952	1.8935	0.0000	11,784.4329
2020	16.7871	31.3121	69.8961	0.1691	12.8543	1.7226	14.5769	3.4090	1.5997	5.0088	0.0000	16,737.0342	16,737.0342	1.3498	0.0000	16,770.7785
2021	16.1311	28.1952	65.4007	0.1647	12.8543	1.4888	14.3431	3.4090	1.3824	4.7914	0.0000	16,307.6395	16,307.6395	1.3051	0.0000	16,340.2671
2022	14.1046	21.3615	49.9903	0.1256	9.5010	1.0784	10.5793	2.5197	1.0045	3.5242	0.0000	12,393.3914	12,393.3914	1.1109	0.0000	12,421.1636
Maximum	**16.7871**	**39.8525**	**69.8961**	**0.1691**	**12.8543**	**2.3084**	**14.5769**	**3.4090**	**2.1868**	**5.0088**	**0.0000**	**16,737.0342**	**16,737.0342**	**1.8935**	**0.0000**	**16,770.7785**

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					
2019	3.9609	11.0146	59.4596	0.1182	5.9839	0.6734	6.6572	1.5826	0.6251	2.2076	0.0000	11,308.6872	11,308.6872	1.7580	0.0000	11,352.6364
2020	14.5230	7.8697	62.0686	0.1691	12.8543	0.4068	13.2611	3.4090	0.3759	3.7849	0.0000	15,010.6774	15,010.6774	0.9068	0.0000	15,033.3481
2021	14.0981	7.0879	57.9809	0.1647	12.8543	0.3497	13.2040	3.4090	0.3234	3.7324	0.0000	14,581.3972	14,581.3972	0.8663	0.0000	14,603.0552
2022	12.5041	4.8884	45.1375	0.1256	9.5010	0.2076	9.7086	2.5197	0.1945	2.7142	0.0000	11,086.0658	11,086.0658	0.8092	0.0000	11,106.2969
Maximum	**14.5230**	**11.0146**	**62.0686**	**0.1691**	**12.8543**	**0.6734**	**13.2611**	**3.4090**	**0.6251**	**3.7849**	**0.0000**	**15,010.6774**	**15,010.6774**	**1.7580**	**0.0000**	**15,033.3481**

	ROG	NOx	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	**15.26**	**74.44**	**7.13**	**0.00**	**0.14**	**75.18**	**10.23**	**0.08**	**75.40**	**26.44**	**0.00**	**9.07**	**9.07**	**23.31**	**0.00**	**9.11**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2019	4/30/2019	6	26	
2	Site Preparation	Site Preparation	4/1/2019	4/30/2019	6	26	
3	Grading	Grading	4/1/2019	7/31/2019	6	105	
4	Foundations/Concrete Pour	Building Construction	6/1/2019	12/31/2021	6	810	
5	Drainage/Utilities/Trenching	Trenching	7/1/2019	9/30/2019	6	79	
6	Building Construction	Building Construction	7/1/2020	9/30/2022	6	705	
7	Architectural Coating	Architectural Coating	10/1/2020	9/30/2022	6	626	
8	Paving	Paving	5/1/2022	6/30/2022	6	52	

Acres of Grading (Site Preparation Phase): 0.96

Acres of Grading (Grading Phase): 0.96

Acres of Paving: 0.2

Residential Indoor: 1,496,973; Residential Outdoor: 498,991; Non-Residential Indoor: 110,184; Non-Residential Outdoor: 36,728; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	10.00	78	0.48
Demolition	Concrete/Industrial Saws	1	10.00	81	0.73
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Demolition	Sweepers/Scrubbers	1	6.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Site Preparation	Concrete/Industrial Saws	1	10.00	81	0.73
Site Preparation	Excavators	1	10.00	158	0.38
Site Preparation	Graders	0	0.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37

Grading	Bore/Drill Rigs	1	10.00	221	0.50
Grading	Concrete/Industrial Saws	0	0.00	81	0.73
Grading	Excavators	2	10.00	158	0.38
Grading	Rubber Tired Dozers	0	0.00	247	0.40
Grading	Sweepers/Scrubbers	1	6.00	64	0.46
Grading	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Foundations/Concrete Pour	Cranes	1	6.00	231	0.29
Foundations/Concrete Pour	Forklifts	1	10.00	89	0.20
Foundations/Concrete Pour	Sweepers/Scrubbers	1	6.00	64	0.46
Foundations/Concrete Pour	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Drainage/Utilities/Trenching	Sweepers/Scrubbers	1	10.00	64	0.46
Drainage/Utilities/Trenching	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Building Construction	Cranes	2	6.00	231	0.29
Building Construction	Forklifts	2	10.00	89	0.20
Building Construction	Sweepers/Scrubbers	1	6.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Architectural Coating	Air Compressors	1	10.00	78	0.48
Architectural Coating	Forklifts	1	10.00	89	0.20
Paving	Cement and Mortar Mixers	0	0.00	9	0.56
Paving	Pavers	1	10.00	130	0.42
Paving	Rollers	0	0.00	80	0.38
Paving	Signal Boards	1	10.00	6	0.82
Paving	Tractors/Loaders/Backhoes	1	10.00	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
Demolition	4	12.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	38.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	132.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations/Concrete Pour	4	350.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Drainage/Utilities/Trenching	2	50.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	738.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	62.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	50.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2019

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					1.4008	0.0000	1.4008	0.2121	0.0000	0.2121			0.0000			0.0000
Off-Road	1.5266	12.3249	12.0727	0.0186		0.8473	0.8473		0.8196	0.8196		1,783.0748	1,783.0748	0.2731		1,789.9024
Total	**1.5266**	**12.3249**	**12.0727**	**0.0186**	**1.4008**	**0.8473**	**2.2481**	**0.2121**	**0.8196**	**1.0317**		**1,783.0748**	**1,783.0748**	**0.2731**		**1,789.9024**

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	0.0600	0.0441	0.5786	1.4600e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		145.5544	145.5544	5.0000e-003		145.6793
Total	**0.0600**	**0.0441**	**0.5786**	**1.4600e-003**	**0.1341**	**1.1600e-003**	**0.1353**	**0.0356**	**1.0700e-003**	**0.0366**		**145.5544**	**145.5544**	**5.0000e-003**		**145.6793**

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					0.5463	0.0000	0.5463	0.0827	0.0000	0.0827			0.0000			0.0000
Off-Road	0.3397	2.4032	9.2486	0.0186		0.1676	0.1676		0.1555	0.1555	0.0000	1,313.9947	1,313.9947	0.2335		1,319.8318
Total	**0.3397**	**2.4032**	**9.2486**	**0.0186**	**0.5463**	**0.1676**	**0.7139**	**0.0827**	**0.1555**	**0.2382**	**0.0000**	**1,313.9947**	**1,313.9947**	**0.2335**		**1,319.8318**

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	0.0600	0.0441	0.5786	1.4600e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		145.5544	145.5544	5.0000e-003		145.6793
Total	**0.0600**	**0.0441**	**0.5786**	**1.4600e-003**	**0.1341**	**1.1600e-003**	**0.1353**	**0.0356**	**1.0700e-003**	**0.0366**		**145.5544**	**145.5544**	**5.0000e-003**		**145.6793**

3.3 Site Preparation - 2019

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					0.0414	0.0000	0.0414	4.5700e-003	0.0000	4.5700e-003			0.0000			0.0000
Off-Road	0.9034	7.8380	8.7068	0.0143		0.4485	0.4485		0.4355	0.4355		1,379.7391	1,379.7391	0.2543		1,386.0963
Total	**0.9034**	**7.8380**	**8.7068**	**0.0143**	**0.0414**	**0.4485**	**0.4899**	**4.5700e-003**	**0.4355**	**0.4401**		**1,379.7391**	**1,379.7391**	**0.2543**		**1,386.0963**

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	0.1898	0.1395	1.8322	4.6300e-003	0.4248	3.6600e-003	0.4284	0.1127	3.3800e-003	0.1160		460.9221	460.9221	0.0158		461.3179
Total	**0.1898**	**0.1395**	**1.8322**	**4.6300e-003**	**0.4248**	**3.6600e-003**	**0.4284**	**0.1127**	**3.3800e-003**	**0.1160**		**460.9221**	**460.9221**	**0.0158**		**461.3179**

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					0.0162	0.0000	0.0162	1.7800e-003	0.0000	1.7800e-003			0.0000			0.0000
Off-Road	0.1576	0.6831	9.7208	0.0143		0.0210	0.0210		0.0210	0.0210	0.0000	1,379.7391	1,379.7391	0.2543		1,386.0963
Total	**0.1576**	**0.6831**	**9.7208**	**0.0143**	**0.0162**	**0.0210**	**0.0372**	**1.7800e-003**	**0.0210**	**0.0228**	**0.0000**	**1,379.7391**	**1,379.7391**	**0.2543**		**1,386.0963**

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	0.1898	0.1395	1.8322	4.6300e-003	0.4248	3.6600e-003	0.4284	0.1127	3.3800e-003	0.1160		460.9221	460.9221	0.0158		461.3179
Total	**0.1898**	**0.1395**	**1.8322**	**4.6300e-003**	**0.4248**	**3.6600e-003**	**0.4284**	**0.1127**	**3.3800e-003**	**0.1160**		**460.9221**	**460.9221**	**0.0158**		**461.3179**

3.4 Grading - 2019

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					0.0959	0.0000	0.0959	0.0141	0.0000	0.0141			0.0000			0.0000
Off-Road	1.7971	19.0214	17.9961	0.0343		0.9951	0.9951		0.9155	0.9155		3,394.4788	3,394.4788	1.0740		3,421.3282
Total	**1.7971**	**19.0214**	**17.9961**	**0.0343**	**0.0959**	**0.9951**	**1.0910**	**0.0141**	**0.9155**	**0.9296**		**3,394.4788**	**3,394.4788**	**1.0740**		**3,421.3282**

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	0.6594	0.4846	6.3646	0.0161	1.4755	0.0127	1.4882	0.3913	0.0117	0.4030		1,601.0978	1,601.0978	0.0550		1,602.4727
Total	**0.6594**	**0.4846**	**6.3646**	**0.0161**	**1.4755**	**0.0127**	**1.4882**	**0.3913**	**0.0117**	**0.4030**		**1,601.0978**	**1,601.0978**	**0.0550**		**1,602.4727**

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					0.0374	0.0000	0.0374	5.5000e-003	0.0000	5.5000e-003			0.0000			0.0000
Off-Road	0.6140	3.5917	22.5074	0.0343		0.2041	0.2041		0.1921	0.1921	0.0000	3,394.4788	3,394.4788	1.0740		3,421.3282
Total	**0.6140**	**3.5917**	**22.5074**	**0.0343**	**0.0374**	**0.2041**	**0.2415**	**5.5000e-003**	**0.1921**	**0.1976**	**0.0000**	**3,394.4788**	**3,394.4788**	**1.0740**		**3,421.3282**

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	0.6594	0.4846	6.3646	0.0161	1.4755	0.0127	1.4882	0.3913	0.0117	0.4030		1,601.0978	1,601.0978	0.0550		1,602.4727
Total	**0.6594**	**0.4846**	**6.3646**	**0.0161**	**1.4755**	**0.0127**	**1.4882**	**0.3913**	**0.0117**	**0.4030**		**1,601.0978**	**1,601.0978**	**0.0550**		**1,602.4727**

3.5 Foundations/Concrete Pour - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0830	11.0709	7.5886	0.0120		0.6751	0.6751		0.6211	0.6211		1,190.7210	1,190.7210	0.3767		1,200.1393
Total	**1.0830**	**11.0709**	**7.5886**	**0.0120**		**0.6751**	**0.6751**		**0.6211**	**0.6211**		**1,190.7210**	**1,190.7210**	**0.3767**		**1,200.1393**

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	1.7485	1.2850	16.8757	0.0427	3.9122	0.0337	3.9459	1.0375	0.0311	1.0686		4,245.3351	4,245.3351	0.1458		4,248.9806
Total	**1.7485**	**1.2850**	**16.8757**	**0.0427**	**3.9122**	**0.0337**	**3.9459**	**1.0375**	**0.0311**	**1.0686**		**4,245.3351**	**4,245.3351**	**0.1458**		**4,248.9806**

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	0.2851	2.1663	5.8773	0.0120		0.1603	0.1603		0.1482	0.1482	0.0000	762.3131	762.3131	0.2412		768.3428
Total	**0.2851**	**2.1663**	**5.8773**	**0.0120**		**0.1603**	**0.1603**		**0.1482**	**0.1482**	**0.0000**	**762.3131**	**762.3131**	**0.2412**		**768.3428**

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	1.7485	1.2850	16.8757	0.0427	3.9122	0.0337	3.9459	1.0375	0.0311	1.0686		4,245.3351	4,245.3351	0.1458		4,248.9806
Total	**1.7485**	**1.2850**	**16.8757**	**0.0427**	**3.9122**	**0.0337**	**3.9459**	**1.0375**	**0.0311**	**1.0686**		**4,245.3351**	**4,245.3351**	**0.1458**		**4,248.9806**

3.5 Foundations/Concrete Pour - 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	0.9844	10.0424	7.4020	0.0120		0.5942	0.5942		0.5466	0.5466		1,164.7237	1,164.7237	0.3767		1,174.1411
Total	**0.9844**	**10.0424**	**7.4020**	**0.0120**		**0.5942**	**0.5942**		**0.5466**	**0.5466**		**1,164.7237**	**1,164.7237**	**0.3767**		**1,174.1411**

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	1.6107	1.1459	15.3246	0.0413	3.9122	0.0327	3.9449	1.0375	0.0301	1.0677		4,116.3951	4,116.3951	0.1298		4,119.6396
Total	**1.6107**	**1.1459**	**15.3246**	**0.0413**	**3.9122**	**0.0327**	**3.9449**	**1.0375**	**0.0301**	**1.0677**		**4,116.3951**	**4,116.3951**	**0.1298**		**4,119.6396**

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	0.2735	2.0532	5.8701	0.0120		0.1497	0.1497		0.1385	0.1385	0.0000	745.6315	745.6315	0.2412		751.6603
Total	**0.2735**	**2.0532**	**5.8701**	**0.0120**		**0.1497**	**0.1497**		**0.1385**	**0.1385**	**0.0000**	**745.6315**	**745.6315**	**0.2412**		**751.6603**

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	1.6107	1.1459	15.3246	0.0413	3.9122	0.0327	3.9449	1.0375	0.0301	1.0677		4,116.3951	4,116.3951	0.1298		4,119.6396
Total	**1.6107**	**1.1459**	**15.3246**	**0.0413**	**3.9122**	**0.0327**	**3.9449**	**1.0375**	**0.0301**	**1.0677**		**4,116.3951**	**4,116.3951**	**0.1298**		**4,119.6396**

3.5 Foundations/Concrete Pour - 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	0.8769	9.0236	7.2355	0.0120		0.5055	0.5055		0.4650	0.4650		1,164.8500	1,164.8500	0.3767		1,174.2684
Total	**0.8769**	**9.0236**	**7.2355**	**0.0120**		**0.5055**	**0.5055**		**0.4650**	**0.4650**		**1,164.8500**	**1,164.8500**	**0.3767**		**1,174.2684**

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	1.5003	1.0312	14.0971	0.0400	3.9122	0.0316	3.9438	1.0375	0.0291	1.0667		3,985.6945	3,985.6945	0.1174		3,988.6304
Total	**1.5003**	**1.0312**	**14.0971**	**0.0400**	**3.9122**	**0.0316**	**3.9438**	**1.0375**	**0.0291**	**1.0667**		**3,985.6945**	**3,985.6945**	**0.1174**		**3,988.6304**

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	0.2425	1.8506	5.8428	0.0120		0.1230	0.1230		0.1139	0.1139	0.0000	745.7959	745.7959	0.2412		751.8261
Total	**0.2425**	**1.8506**	**5.8428**	**0.0120**		**0.1230**	**0.1230**		**0.1139**	**0.1139**	**0.0000**	**745.7959**	**745.7959**	**0.2412**		**751.8261**

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	1.5003	1.0312	14.0971	0.0400	3.9122	0.0316	3.9438	1.0375	0.0291	1.0667		3,985.6945	3,985.6945	0.1174		3,988.6304
Total	**1.5003**	**1.0312**	**14.0971**	**0.0400**	**3.9122**	**0.0316**	**3.9438**	**1.0375**	**0.0291**	**1.0667**		**3,985.6945**	**3,985.6945**	**0.1174**		**3,988.6304**

3.6 Drainage/Utilities/Trenching - 2019

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	0.6477	6.0193	5.3746	7.0600e-003		0.4464	0.4464		0.4107	0.4107		698.9861	698.9861	0.2212		704.5149
Total	**0.6477**	**6.0193**	**5.3746**	**7.0600e-003**		**0.4464**	**0.4464**		**0.4107**	**0.4107**		**698.9861**	**698.9861**	**0.2212**		**704.5149**

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	0.2498	0.1836	2.4108	6.0900e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		606.4764	606.4764	0.0208		606.9972
Total	**0.2498**	**0.1836**	**2.4108**	**6.0900e-003**	**0.5589**	**4.8200e-003**	**0.5637**	**0.1482**	**4.4400e-003**	**0.1527**		**606.4764**	**606.4764**	**0.0208**		**606.9972**

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	0.4042	3.3033	5.4238	7.0600e-003		0.2577	0.2577		0.2376	0.2376	0.0000	698.9861	698.9861	0.2212		704.5149
Total	**0.4042**	**3.3033**	**5.4238**	**7.0600e-003**		**0.2577**	**0.2577**		**0.2376**	**0.2376**	**0.0000**	**698.9861**	**698.9861**	**0.2212**		**704.5149**

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	0.2498	0.1836	2.4108	6.0900e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		606.4764	606.4764	0.0208		606.9972
Total	**0.2498**	**0.1836**	**2.4108**	**6.0900e-003**	**0.5589**	**4.8200e-003**	**0.5637**	**0.1482**	**4.4400e-003**	**0.1527**		**606.4764**	**606.4764**	**0.0208**		**606.9972**

3.7 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	1.2426	13.0765	7.6142	0.0144		0.7153	0.7153		0.6581	0.6581		1,392.8938	1,392.8938	0.4505		1,404.1561
Total	**1.2426**	**13.0765**	**7.6142**	**0.0144**		**0.7153**	**0.7153**		**0.6581**	**0.6581**		**1,392.8938**	**1,392.8938**	**0.4505**		**1,404.1561**

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	3.3963	2.4161	32.3129	0.0872	8.2491	0.0690	8.3181	2.1877	0.0635	2.2512		8,679.7130	8,679.7130	0.2737		8,686.5543
Total	**3.3963**	**2.4161**	**32.3129**	**0.0872**	**8.2491**	**0.0690**	**8.3181**	**2.1877**	**0.0635**	**2.2512**		**8,679.7130**	**8,679.7130**	**0.2737**		**8,686.5543**

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	0.2496	1.9495	4.3945	0.0144		0.1465	0.1465		0.1353	0.1353	0.0000	554.7094	554.7094	0.1794		559.1945
Total	**0.2496**	**1.9495**	**4.3945**	**0.0144**		**0.1465**	**0.1465**		**0.1353**	**0.1353**	**0.0000**	**554.7094**	**554.7094**	**0.1794**		**559.1945**

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	3.3963	2.4161	32.3129	0.0872	8.2491	0.0690	8.3181	2.1877	0.0635	2.2512		8,679.7130	8,679.7130	0.2737		8,686.5543
Total	**3.3963**	**2.4161**	**32.3129**	**0.0872**	**8.2491**	**0.0690**	**8.3181**	**2.1877**	**0.0635**	**2.2512**		**8,679.7130**	**8,679.7130**	**0.2737**		**8,686.5543**

3.7 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1141	11.7647	7.3571	0.0144		0.6180	0.6180		0.5686	0.5686		1,392.8175	1,392.8175	0.4505		1,404.0792
Total	**1.1141**	**11.7647**	**7.3571**	**0.0144**		**0.6180**	**0.6180**		**0.5686**	**0.5686**		**1,392.8175**	**1,392.8175**	**0.4505**		**1,404.0792**

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	3.1635	2.1744	29.7247	0.0844	8.2491	0.0667	8.3158	2.1877	0.0614	2.2491		8,404.1215	8,404.1215	0.2476		8,410.3122
Total	**3.1635**	**2.1744**	**29.7247**	**0.0844**	**8.2491**	**0.0667**	**8.3158**	**2.1877**	**0.0614**	**2.2491**		**8,404.1215**	**8,404.1215**	**0.2476**		**8,410.3122**

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	0.2185	1.7469	4.3672	0.0144		0.1198	0.1198		0.1107	0.1107	0.0000	554.7094	554.7094	0.1794		559.1945
Total	**0.2185**	**1.7469**	**4.3672**	**0.0144**		**0.1198**	**0.1198**		**0.1107**	**0.1107**	**0.0000**	**554.7094**	**554.7094**	**0.1794**		**559.1945**

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	3.1635	2.1744	29.7247	0.0844	8.2491	0.0667	8.3158	2.1877	0.0614	2.2491		8,404.1215	8,404.1215	0.2476		8,410.3122
Total	**3.1635**	**2.1744**	**29.7247**	**0.0844**	**8.2491**	**0.0667**	**8.3158**	**2.1877**	**0.0614**	**2.2491**		**8,404.1215**	**8,404.1215**	**0.2476**		**8,410.3122**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9885	10.2658	7.1606	0.0144		0.5257	0.5257		0.4836	0.4836		1,392.9549	1,392.9549	0.4505		1,404.2177
Total	**0.9885**	**10.2658**	**7.1606**	**0.0144**		**0.5257**	**0.5257**		**0.4836**	**0.4836**		**1,392.9549**	**1,392.9549**	**0.4505**		**1,404.2177**

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	2.9633	1.9641	27.4243	0.0814	8.2491	0.0646	8.3137	2.1877	0.0595	2.2472		8,108.4969	8,108.4969	0.2238		8,114.0919
Total	**2.9633**	**1.9641**	**27.4243**	**0.0814**	**8.2491**	**0.0646**	**8.3137**	**2.1877**	**0.0595**	**2.2472**		**8,108.4969**	**8,108.4969**	**0.2238**		**8,114.0919**

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	0.1921	1.5562	4.3417	0.0144		0.0967	0.0967		0.0894	0.0894	0.0000	554.7094	554.7094	0.1794		559.1945
Total	**0.1921**	**1.5562**	**4.3417**	**0.0144**		**0.0967**	**0.0967**		**0.0894**	**0.0894**	**0.0000**	**554.7094**	**554.7094**	**0.1794**		**559.1945**

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	2.9633	1.9641	27.4243	0.0814	8.2491	0.0646	8.3137	2.1877	0.0595	2.2472		8,108.4969	8,108.4969	0.2238		8,114.0919
Total	**2.9633**	**1.9641**	**27.4243**	**0.0814**	**8.2491**	**0.0646**	**8.3137**	**2.1877**	**0.0595**	**2.2472**		**8,108.4969**	**8,108.4969**	**0.2238**		**8,114.0919**

3.8 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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5836	4.4283	4.5277	6.8600e-003		0.3057	0.3057		0.2961	0.2961		654.1186	654.1186	0.0962		656.5227
Total	**9.2677**	**4.4283**	**4.5277**	**6.8600e-003**		**0.3057**	**0.3057**		**0.2961**	**0.2961**		**654.1186**	**654.1186**	**0.0962**		**656.5227**

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	0.2853	0.2030	2.7146	7.3200e-003	0.6930	5.7900e-003	0.6988	0.1838	5.3400e-003	0.1891		729.1900	729.1900	0.0230		729.7647
Total	**0.2853**	**0.2030**	**2.7146**	**7.3200e-003**	**0.6930**	**5.7900e-003**	**0.6988**	**0.1838**	**5.3400e-003**	**0.1891**		**729.1900**	**729.1900**	**0.0230**		**729.7647**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0236	0.1020	1.4520	6.8600e-003		3.1400e-003	3.1400e-003		3.1400e-003	3.1400e-003	0.0000	185.0385	185.0385	0.0599		186.5347
Total	**8.7076**	**0.1020**	**1.4520**	**6.8600e-003**		**3.1400e-003**	**3.1400e-003**		**3.1400e-003**	**3.1400e-003**	**0.0000**	**185.0385**	**185.0385**	**0.0599**		**186.5347**

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	0.2853	0.2030	2.7146	7.3200e-003	0.6930	5.7900e-003	0.6988	0.1838	5.3400e-003	0.1891		729.1900	729.1900	0.0230		729.7647
Total	**0.2853**	**0.2030**	**2.7146**	**7.3200e-003**	**0.6930**	**5.7900e-003**	**0.6988**	**0.1838**	**5.3400e-003**	**0.1891**		**729.1900**	**729.1900**	**0.0230**		**729.7647**

3.8 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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5265	4.0187	4.4891	6.8600e-003		0.2615	0.2615		0.2531	0.2531		654.1186	654.1186	0.0920		656.4195
Total	**9.2106**	**4.0187**	**4.4891**	**6.8600e-003**		**0.2615**	**0.2615**		**0.2531**	**0.2531**		**654.1186**	**654.1186**	**0.0920**		**656.4195**

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	0.2658	0.1827	2.4972	7.0900e-003	0.6930	5.6000e-003	0.6986	0.1838	5.1600e-003	0.1890		706.0373	706.0373	0.0208		706.5574
Total	**0.2658**	**0.1827**	**2.4972**	**7.0900e-003**	**0.6930**	**5.6000e-003**	**0.6986**	**0.1838**	**5.1600e-003**	**0.1890**		**706.0373**	**706.0373**	**0.0208**		**706.5574**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0236	0.1020	1.4520	6.8600e-003		3.1400e-003	3.1400e-003		3.1400e-003	3.1400e-003	0.0000	185.0385	185.0385	0.0599		186.5347
Total	**8.7076**	**0.1020**	**1.4520**	**6.8600e-003**		**3.1400e-003**	**3.1400e-003**		**3.1400e-003**	**3.1400e-003**	**0.0000**	**185.0385**	**185.0385**	**0.0599**		**186.5347**

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	0.2658	0.1827	2.4972	7.0900e-003	0.6930	5.6000e-003	0.6986	0.1838	5.1600e-003	0.1890		706.0373	706.0373	0.0208		706.5574
Total	**0.2658**	**0.1827**	**2.4972**	**7.0900e-003**	**0.6930**	**5.6000e-003**	**0.6986**	**0.1838**	**5.1600e-003**	**0.1890**		**706.0373**	**706.0373**	**0.0208**		**706.5574**

3.8 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4829	3.6661	4.4648	6.8600e-003		0.2235	0.2235		0.2166	0.2166		654.1186	654.1186	0.0904		656.3783
Total	**9.1670**	**3.6661**	**4.4648**	**6.8600e-003**		**0.2235**	**0.2235**		**0.2166**	**0.2166**		**654.1186**	**654.1186**	**0.0904**		**656.3783**

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	0.2489	0.1650	2.3039	6.8400e-003	0.6930	5.4200e-003	0.6984	0.1838	5.0000e-003	0.1888		681.2016	681.2016	0.0188		681.6717
Total	**0.2489**	**0.1650**	**2.3039**	**6.8400e-003**	**0.6930**	**5.4200e-003**	**0.6984**	**0.1838**	**5.0000e-003**	**0.1888**		**681.2016**	**681.2016**	**0.0188**		**681.6717**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0236	0.1020	1.4520	6.8600e-003		3.1400e-003	3.1400e-003		3.1400e-003	3.1400e-003	0.0000	185.0385	185.0385	0.0599		186.5347
Total	**8.7076**	**0.1020**	**1.4520**	**6.8600e-003**		**3.1400e-003**	**3.1400e-003**		**3.1400e-003**	**3.1400e-003**	**0.0000**	**185.0385**	**185.0385**	**0.0599**		**186.5347**

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	0.2489	0.1650	2.3039	6.8400e-003	0.6930	5.4200e-003	0.6984	0.1838	5.0000e-003	0.1888		681.2016	681.2016	0.0188		681.6717
Total	**0.2489**	**0.1650**	**2.3039**	**6.8400e-003**	**0.6930**	**5.4200e-003**	**0.6984**	**0.1838**	**5.0000e-003**	**0.1888**		**681.2016**	**681.2016**	**0.0188**		**681.6717**

3.9 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5362	5.1674	6.7786	0.0106		0.2548	0.2548		0.2358	0.2358		1,007.2631	1,007.2631	0.3122		1,015.0690
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5362**	**5.1674**	**6.7786**	**0.0106**		**0.2548**	**0.2548**		**0.2358**	**0.2358**		**1,007.2631**	**1,007.2631**	**0.3122**		**1,015.0690**

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	0.2008	0.1331	1.8580	5.5100e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		549.3562	549.3562	0.0152		549.7352
Total	**0.2008**	**0.1331**	**1.8580**	**5.5100e-003**	**0.5589**	**4.3700e-003**	**0.5633**	**0.1482**	**4.0300e-003**	**0.1523**		**549.3562**	**549.3562**	**0.0152**		**549.7352**

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	0.1914	0.9680	7.7576	0.0106		0.0334	0.0334		0.0334	0.0334	0.0000	1,007.2631	1,007.2631	0.3122		1,015.0690
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1914**	**0.9680**	**7.7576**	**0.0106**		**0.0334**	**0.0334**		**0.0334**	**0.0334**	**0.0000**	**1,007.2631**	**1,007.2631**	**0.3122**		**1,015.0690**

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	0.2008	0.1331	1.8580	5.5100e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		549.3562	549.3562	0.0152		549.7352
Total	**0.2008**	**0.1331**	**1.8580**	**5.5100e-003**	**0.5589**	**4.3700e-003**	**0.5633**	**0.1482**	**4.0300e-003**	**0.1523**		**549.3562**	**549.3562**	**0.0152**		**549.7352**

1045 Olive Street Project - Construction

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	37.93	1000sqft	0.10	37,927.00	0
General Office Building	23.02	1000sqft	0.10	23,025.00	0
Enclosed Parking with Elevator	891.00	Space	0.10	426,458.00	0
Other Non-Asphalt Surfaces	39.70	1000sqft	0.10	39,700.00	0
City Park	0.06	Acre	0.06	2,728.00	0
High Turnover (Sit Down Restaurant)	12.50	1000sqft	0.10	12,504.00	0
Apartments High Rise	794.00	Dwelling Unit	0.40	739,273.00	1334

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	595	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - CO2 Intensity Factor: California Air Resources Board, Statewide Emission Factors (EF) For Use With AB 900 Projects (Jan 2017).

Land Use - Est. population reflects 1.68 avg. household size for Central City CPA, based on the 2015 Demographics Statistics Report by the City of Los Angeles Department of City Planning Demographics Research Unit.

Construction Phase - Refer to "Construction Schedule and California Emissions Estimator Model (CalEEMod) Inputs" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

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Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Off-road Equipment - Refer to "Off-Road Heavy-Duty Construction Equipment" provided in this Appendix.

Trips and VMT - Refer to "Construction Schedule and California Emissions Estimator Model (CalEEMod) Inputs" provided in this Appendix. Soil/material haul trucks, vendor trucks and concrete pour trucks (1-day) calculated outside CalEEMod using EMFAC.
Demolition - Demo Debris: 3,410 cy (estimated equivalent to 37,000 sf building floor area)

Grading - Site Prep: 520 cy export; Grading: 80,000 cy export.

Construction Off-road Equipment Mitigation - Electric cranes and air compressors; Tier 4 equipment (>50 hp); Water/Stablizers on exposed and unpaved areas (61% PM control); Limit vehicle speeds to 15 mph on unpaved roads.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	499,009.00	498,991.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,497,028.00	1,496,973.00
tblAreaCoating	Area_Residential_Exterior	499009	498991
tblAreaCoating	Area_Residential_Interior	1497028	1496973
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	CNG
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	626.00
tblConstructionPhase	NumDays	100.00	810.00
tblConstructionPhase	NumDays	100.00	705.00
tblConstructionPhase	NumDays	10.00	26.00
tblConstructionPhase	NumDays	2.00	105.00
tblConstructionPhase	NumDays	5.00	52.00
tblConstructionPhase	NumDays	1.00	26.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	0.96
tblGrading	AcresOfGrading	0.00	0.96
tblGrading	MaterialExported	0.00	80,000.00
tblGrading	MaterialExported	0.00	520.00
tblLandUse	LandUseSquareFeet	23,020.00	23,025.00
tblLandUse	LandUseSquareFeet	37,930.00	37,927.00
tblLandUse	LandUseSquareFeet	356,400.00	426,458.00

tblLandUse	LandUseSquareFeet	2,613.60	2,728.00
tblLandUse	LandUseSquareFeet	12,500.00	12,504.00
tblLandUse	LandUseSquareFeet	794,000.00	739,273.00
tblLandUse	LotAcreage	0.53	0.10
tblLandUse	LotAcreage	0.87	0.10
tblLandUse	LotAcreage	8.02	0.10
tblLandUse	LotAcreage	0.91	0.10
tblLandUse	LotAcreage	0.29	0.10
tblLandUse	LotAcreage	12.81	0.40
tblLandUse	Population	2,271.00	1,334.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	4.00	6.00
tblOffRoadEquipment	UsageHours	4.00	6.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	10.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	1.00	0.00
tblOffRoadEquipment	UsageHours	1.00	0.00
tblOffRoadEquipment	UsageHours	8.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	6.00	10.00
tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	595
tblTripsAndVMT	HaulingTripNumber	168.00	0.00
tblTripsAndVMT	HaulingTripNumber	65.00	0.00
tblTripsAndVMT	HaulingTripNumber	10,000.00	0.00
tblTripsAndVMT	VendorTripNumber	174.00	0.00
tblTripsAndVMT	VendorTripNumber	174.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	38.00
tblTripsAndVMT	WorkerTripNumber	15.00	132.00
tblTripsAndVMT	WorkerTripNumber	793.00	350.00
tblTripsAndVMT	WorkerTripNumber	5.00	50.00
tblTripsAndVMT	WorkerTripNumber	793.00	738.00
tblTripsAndVMT	WorkerTripNumber	159.00	62.00
tblTripsAndVMT	WorkerTripNumber	8.00	50.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	6.4739	39.9243	54.4990	0.1144	6.0424	2.3084	8.2103	1.5911	2.1868	3.5857	0.0000	11,360.3218	11,360.3218	1.8809	0.0000	11,407.3439
2020	17.3715	31.7156	65.6602	0.1611	12.8543	1.7226	14.5769	3.4090	1.5997	5.0088	0.0000	15,947.0706	15,947.0706	1.3248	0.0000	15,980.1895
2021	16.6850	28.5576	61.4311	0.1570	12.8543	1.4888	14.3431	3.4090	1.3824	4.7914	0.0000	15,542.6737	15,542.6737	1.2821	0.0000	15,574.7259
2022	14.4983	21.6029	47.2340	0.1201	9.5010	1.0784	10.5793	2.5197	1.0045	3.5242	0.0000	11,848.1770	11,848.1770	1.0953	0.0000	11,875.5587
Maximum	**17.3715**	**39.9243**	**65.6602**	**0.1611**	**12.8543**	**2.3084**	**14.5769**	**3.4090**	**2.1868**	**5.0088**	**0.0000**	**15,947.0706**	**15,947.0706**	**1.8809**	**0.0000**	**15,980.1895**

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					
2019	4.2493	11.2244	57.3482	0.1144	5.9839	0.6734	6.6572	1.5826	0.6251	2.2076	0.0000	10,931.9138	10,931.9138	1.7454	0.0000	10,975.5474
2020	15.1074	8.2731	57.8328	0.1611	12.8543	0.4068	13.2611	3.4090	0.3759	3.7849	0.0000	14,220.7138	14,220.7138	0.8818	0.0000	14,242.7591
2021	14.6520	7.4503	54.0114	0.1570	12.8543	0.3497	13.2040	3.4090	0.3234	3.7324	0.0000	13,816.4314	13,816.4314	0.8433	0.0000	13,837.5141
2022	12.8978	5.1298	42.3813	0.1201	9.5010	0.2076	9.7086	2.5197	0.1945	2.7142	0.0000	10,540.8514	10,540.8514	0.7936	0.0000	10,560.6919
Maximum	**15.1074**	**11.2244**	**57.8328**	**0.1611**	**12.8543**	**0.6734**	**13.2611**	**3.4090**	**0.6251**	**3.7849**	**0.0000**	**14,220.7138**	**14,220.7138**	**1.7454**	**0.0000**	**14,242.7591**

	ROG	NOx	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	**14.76**	**73.66**	**7.54**	**0.00**	**0.14**	**75.18**	**10.23**	**0.08**	**75.40**	**26.44**	**0.00**	**9.49**	**9.49**	**23.62**	**0.00**	**9.52**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2019	4/30/2019	6	26	
2	Site Preparation	Site Preparation	4/1/2019	4/30/2019	6	26	
3	Grading	Grading	4/1/2019	7/31/2019	6	105	
4	Foundations/Concrete Pour	Building Construction	6/1/2019	12/31/2021	6	810	
5	Drainage/Utilities/Trenching	Trenching	7/1/2019	9/30/2019	6	79	
6	Building Construction	Building Construction	7/1/2020	9/30/2022	6	705	
7	Architectural Coating	Architectural Coating	10/1/2020	9/30/2022	6	626	
8	Paving	Paving	5/1/2022	6/30/2022	6	52	

Acres of Grading (Site Preparation Phase): 0.96

Acres of Grading (Grading Phase): 0.96

Acres of Paving: 0.2

Residential Indoor: 1,496,973; Residential Outdoor: 498,991; Non-Residential Indoor: 110,184; Non-Residential Outdoor: 36,728; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	10.00	78	0.48
Demolition	Concrete/Industrial Saws	1	10.00	81	0.73
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Demolition	Sweepers/Scrubbers	1	6.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Site Preparation	Concrete/Industrial Saws	1	10.00	81	0.73
Site Preparation	Excavators	1	10.00	158	0.38
Site Preparation	Graders	0	0.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Grading	Bore/Drill Rigs	1	10.00	221	0.50

Grading	Concrete/Industrial Saws	0	0.00	81	0.73
Grading	Excavators	2	10.00	158	0.38
Grading	Rubber Tired Dozers	0	0.00	247	0.40
Grading	Sweepers/Scrubbers	1	6.00	64	0.46
Grading	Tractors/Loaders/Backhoes	2	10.00	97	0.37
Foundations/Concrete Pour	Cranes	1	6.00	231	0.29
Foundations/Concrete Pour	Forklifts	1	10.00	89	0.20
Foundations/Concrete Pour	Sweepers/Scrubbers	1	6.00	64	0.46
Foundations/Concrete Pour	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Drainage/Utilities/Trenching	Sweepers/Scrubbers	1	10.00	64	0.46
Drainage/Utilities/Trenching	Tractors/Loaders/Backhoes	1	10.00	97	0.37
Building Construction	Cranes	2	6.00	231	0.29
Building Construction	Forklifts	2	10.00	89	0.20
Building Construction	Sweepers/Scrubbers	1	6.00	64	0.46
Building Construction	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Architectural Coating	Air Compressors	1	10.00	78	0.48
Architectural Coating	Forklifts	1	10.00	89	0.20
Paving	Cement and Mortar Mixers	0	0.00	9	0.56
Paving	Pavers	1	10.00	130	0.42
Paving	Rollers	0	0.00	80	0.38
Paving	Signal Boards	1	10.00	6	0.82
Paving	Tractors/Loaders/Backhoes	1	10.00	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
Demolition	4	12.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	38.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	132.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations/Concrete Pour	4	350.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Drainage/Utilities/Trenching	2	50.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	738.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	62.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	50.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2019

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					1.4008	0.0000	1.4008	0.2121	0.0000	0.2121			0.0000			0.0000
Off-Road	1.5266	12.3249	12.0727	0.0186		0.8473	0.8473		0.8196	0.8196		1,783.0748	1,783.0748	0.2731		1,789.9024
Total	**1.5266**	**12.3249**	**12.0727**	**0.0186**	**1.4008**	**0.8473**	**2.2481**	**0.2121**	**0.8196**	**1.0317**		**1,783.0748**	**1,783.0748**	**0.2731**		**1,789.9024**

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	0.0665	0.0488	0.5310	1.3800e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		137.0557	137.0557	4.7100e-003		137.1736
Total	**0.0665**	**0.0488**	**0.5310**	**1.3800e-003**	**0.1341**	**1.1600e-003**	**0.1353**	**0.0356**	**1.0700e-003**	**0.0366**		**137.0557**	**137.0557**	**4.7100e-003**		**137.1736**

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					0.5463	0.0000	0.5463	0.0827	0.0000	0.0827			0.0000			0.0000
Off-Road	0.3397	2.4032	9.2486	0.0186		0.1676	0.1676		0.1555	0.1555	0.0000	1,313.9947	1,313.9947	0.2335		1,319.8318
Total	**0.3397**	**2.4032**	**9.2486**	**0.0186**	**0.5463**	**0.1676**	**0.7139**	**0.0827**	**0.1555**	**0.2382**	**0.0000**	**1,313.9947**	**1,313.9947**	**0.2335**		**1,319.8318**

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	0.0665	0.0488	0.5310	1.3800e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		137.0557	137.0557	4.7100e-003		137.1736
Total	**0.0665**	**0.0488**	**0.5310**	**1.3800e-003**	**0.1341**	**1.1600e-003**	**0.1353**	**0.0356**	**1.0700e-003**	**0.0366**		**137.0557**	**137.0557**	**4.7100e-003**		**137.1736**

3.3 Site Preparation - 2019

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					0.0414	0.0000	0.0414	4.5700e-003	0.0000	4.5700e-003			0.0000			0.0000
Off-Road	0.9034	7.8380	8.7068	0.0143		0.4485	0.4485		0.4355	0.4355		1,379.7391	1,379.7391	0.2543		1,386.0963
Total	**0.9034**	**7.8380**	**8.7068**	**0.0143**	**0.0414**	**0.4485**	**0.4899**	**4.5700e-003**	**0.4355**	**0.4401**		**1,379.7391**	**1,379.7391**	**0.2543**		**1,386.0963**

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	0.2104	0.1545	1.6814	4.3600e-003	0.4248	3.6600e-003	0.4284	0.1127	3.3800e-003	0.1160		434.0097	434.0097	0.0149		434.3830
Total	**0.2104**	**0.1545**	**1.6814**	**4.3600e-003**	**0.4248**	**3.6600e-003**	**0.4284**	**0.1127**	**3.3800e-003**	**0.1160**		**434.0097**	**434.0097**	**0.0149**		**434.3830**

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					0.0162	0.0000	0.0162	1.7800e-003	0.0000	1.7800e-003			0.0000			0.0000
Off-Road	0.1576	0.6831	9.7208	0.0143		0.0210	0.0210		0.0210	0.0210	0.0000	1,379.7391	1,379.7391	0.2543		1,386.0963
Total	**0.1576**	**0.6831**	**9.7208**	**0.0143**	**0.0162**	**0.0210**	**0.0372**	**1.7800e-003**	**0.0210**	**0.0228**	**0.0000**	**1,379.7391**	**1,379.7391**	**0.2543**		**1,386.0963**

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	0.2104	0.1545	1.6814	4.3600e-003	0.4248	3.6600e-003	0.4284	0.1127	3.3800e-003	0.1160		434.0097	434.0097	0.0149		434.3830
Total	**0.2104**	**0.1545**	**1.6814**	**4.3600e-003**	**0.4248**	**3.6600e-003**	**0.4284**	**0.1127**	**3.3800e-003**	**0.1160**		**434.0097**	**434.0097**	**0.0149**		**434.3830**

3.4 Grading - 2019

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					0.0959	0.0000	0.0959	0.0141	0.0000	0.0141			0.0000			0.0000
Off-Road	1.7971	19.0214	17.9961	0.0343		0.9951	0.9951		0.9155	0.9155		3,394.4788	3,394.4788	1.0740		3,421.3282
Total	**1.7971**	**19.0214**	**17.9961**	**0.0343**	**0.0959**	**0.9951**	**1.0910**	**0.0141**	**0.9155**	**0.9296**		**3,394.4788**	**3,394.4788**	**1.0740**		**3,421.3282**

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	0.7310	0.5367	5.8407	0.0151	1.4755	0.0127	1.4882	0.3913	0.0117	0.4030		1,507.6127	1,507.6127	0.0519		1,508.9093
Total	**0.7310**	**0.5367**	**5.8407**	**0.0151**	**1.4755**	**0.0127**	**1.4882**	**0.3913**	**0.0117**	**0.4030**		**1,507.6127**	**1,507.6127**	**0.0519**		**1,508.9093**

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					0.0374	0.0000	0.0374	5.5000e-003	0.0000	5.5000e-003			0.0000			0.0000
Off-Road	0.6140	3.5917	22.5074	0.0343		0.2041	0.2041		0.1921	0.1921	0.0000	3,394.4788	3,394.4788	1.0740		3,421.3282
Total	**0.6140**	**3.5917**	**22.5074**	**0.0343**	**0.0374**	**0.2041**	**0.2415**	**5.5000e-003**	**0.1921**	**0.1976**	**0.0000**	**3,394.4788**	**3,394.4788**	**1.0740**		**3,421.3282**

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	0.7310	0.5367	5.8407	0.0151	1.4755	0.0127	1.4882	0.3913	0.0117	0.4030		1,507.6127	1,507.6127	0.0519		1,508.9093
Total	**0.7310**	**0.5367**	**5.8407**	**0.0151**	**1.4755**	**0.0127**	**1.4882**	**0.3913**	**0.0117**	**0.4030**		**1,507.6127**	**1,507.6127**	**0.0519**		**1,508.9093**

3.5 Foundations/Concrete Pour - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0830	11.0709	7.5886	0.0120		0.6751	0.6751		0.6211	0.6211		1,190.7210	1,190.7210	0.3767		1,200.1393
Total	**1.0830**	**11.0709**	**7.5886**	**0.0120**		**0.6751**	**0.6751**		**0.6211**	**0.6211**		**1,190.7210**	**1,190.7210**	**0.3767**		**1,200.1393**

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	1.9382	1.4231	15.4867	0.0402	3.9122	0.0337	3.9459	1.0375	0.0311	1.0686		3,997.4579	3,997.4579	0.1375		4,000.8958
Total	**1.9382**	**1.4231**	**15.4867**	**0.0402**	**3.9122**	**0.0337**	**3.9459**	**1.0375**	**0.0311**	**1.0686**		**3,997.4579**	**3,997.4579**	**0.1375**		**4,000.8958**

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	0.2851	2.1663	5.8773	0.0120		0.1603	0.1603		0.1482	0.1482	0.0000	762.3131	762.3131	0.2412		768.3428
Total	**0.2851**	**2.1663**	**5.8773**	**0.0120**		**0.1603**	**0.1603**		**0.1482**	**0.1482**	**0.0000**	**762.3131**	**762.3131**	**0.2412**		**768.3428**

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	1.9382	1.4231	15.4867	0.0402	3.9122	0.0337	3.9459	1.0375	0.0311	1.0686		3,997.4579	3,997.4579	0.1375		4,000.8958
Total	**1.9382**	**1.4231**	**15.4867**	**0.0402**	**3.9122**	**0.0337**	**3.9459**	**1.0375**	**0.0311**	**1.0686**		**3,997.4579**	**3,997.4579**	**0.1375**		**4,000.8958**

3.5 Foundations/Concrete Pour - 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	0.9844	10.0424	7.4020	0.0120		0.5942	0.5942		0.5466	0.5466		1,164.7237	1,164.7237	0.3767		1,174.1411
Total	**0.9844**	**10.0424**	**7.4020**	**0.0120**		**0.5942**	**0.5942**		**0.5466**	**0.5466**		**1,164.7237**	**1,164.7237**	**0.3767**		**1,174.1411**

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	1.7886	1.2687	14.0354	0.0389	3.9122	0.0327	3.9449	1.0375	0.0301	1.0677		3,875.9714	3,875.9714	0.1222		3,879.0255
Total	**1.7886**	**1.2687**	**14.0354**	**0.0389**	**3.9122**	**0.0327**	**3.9449**	**1.0375**	**0.0301**	**1.0677**		**3,875.9714**	**3,875.9714**	**0.1222**		**3,879.0255**

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	0.2735	2.0532	5.8701	0.0120		0.1497	0.1497		0.1385	0.1385	0.0000	745.6315	745.6315	0.2412		751.6603
Total	**0.2735**	**2.0532**	**5.8701**	**0.0120**		**0.1497**	**0.1497**		**0.1385**	**0.1385**	**0.0000**	**745.6315**	**745.6315**	**0.2412**		**751.6603**

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	1.7886	1.2687	14.0354	0.0389	3.9122	0.0327	3.9449	1.0375	0.0301	1.0677		3,875.9714	3,875.9714	0.1222		3,879.0255
Total	**1.7886**	**1.2687**	**14.0354**	**0.0389**	**3.9122**	**0.0327**	**3.9449**	**1.0375**	**0.0301**	**1.0677**		**3,875.9714**	**3,875.9714**	**0.1222**		**3,879.0255**

3.5 Foundations/Concrete Pour - 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	0.8769	9.0236	7.2355	0.0120		0.5055	0.5055		0.4650	0.4650		1,164.8500	1,164.8500	0.3767		1,174.2684
Total	**0.8769**	**9.0236**	**7.2355**	**0.0120**		**0.5055**	**0.5055**		**0.4650**	**0.4650**		**1,164.8500**	**1,164.8500**	**0.3767**		**1,174.2684**

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	1.6689	1.1415	12.8890	0.0377	3.9122	0.0316	3.9438	1.0375	0.0291	1.0667		3,752.8788	3,752.8788	0.1104		3,755.6396
Total	**1.6689**	**1.1415**	**12.8890**	**0.0377**	**3.9122**	**0.0316**	**3.9438**	**1.0375**	**0.0291**	**1.0667**		**3,752.8788**	**3,752.8788**	**0.1104**		**3,755.6396**

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	0.2425	1.8506	5.8428	0.0120		0.1230	0.1230		0.1139	0.1139	0.0000	745.7959	745.7959	0.2412		751.8261
Total	**0.2425**	**1.8506**	**5.8428**	**0.0120**		**0.1230**	**0.1230**		**0.1139**	**0.1139**	**0.0000**	**745.7959**	**745.7959**	**0.2412**		**751.8261**

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	1.6689	1.1415	12.8890	0.0377	3.9122	0.0316	3.9438	1.0375	0.0291	1.0667		3,752.8788	3,752.8788	0.1104		3,755.6396
Total	**1.6689**	**1.1415**	**12.8890**	**0.0377**	**3.9122**	**0.0316**	**3.9438**	**1.0375**	**0.0291**	**1.0667**		**3,752.8788**	**3,752.8788**	**0.1104**		**3,755.6396**

3.6 Drainage/Utilities/Trenching - 2019

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	0.6477	6.0193	5.3746	7.0600e-003		0.4464	0.4464		0.4107	0.4107		698.9861	698.9861	0.2212		704.5149
Total	**0.6477**	**6.0193**	**5.3746**	**7.0600e-003**		**0.4464**	**0.4464**		**0.4107**	**0.4107**		**698.9861**	**698.9861**	**0.2212**		**704.5149**

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	0.2769	0.2033	2.2124	5.7400e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		571.0654	571.0654	0.0197		571.5565
Total	**0.2769**	**0.2033**	**2.2124**	**5.7400e-003**	**0.5589**	**4.8200e-003**	**0.5637**	**0.1482**	**4.4400e-003**	**0.1527**		**571.0654**	**571.0654**	**0.0197**		**571.5565**

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	0.4042	3.3033	5.4238	7.0600e-003		0.2577	0.2577		0.2376	0.2376	0.0000	698.9861	698.9861	0.2212		704.5149
Total	**0.4042**	**3.3033**	**5.4238**	**7.0600e-003**		**0.2577**	**0.2577**		**0.2376**	**0.2376**	**0.0000**	**698.9861**	**698.9861**	**0.2212**		**704.5149**

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	0.2769	0.2033	2.2124	5.7400e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		571.0654	571.0654	0.0197		571.5565
Total	**0.2769**	**0.2033**	**2.2124**	**5.7400e-003**	**0.5589**	**4.8200e-003**	**0.5637**	**0.1482**	**4.4400e-003**	**0.1527**		**571.0654**	**571.0654**	**0.0197**		**571.5565**

3.7 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	1.2426	13.0765	7.6142	0.0144		0.7153	0.7153		0.6581	0.6581		1,392.8938	1,392.8938	0.4505		1,404.1561
Total	**1.2426**	**13.0765**	**7.6142**	**0.0144**		**0.7153**	**0.7153**		**0.6581**	**0.6581**		**1,392.8938**	**1,392.8938**	**0.4505**		**1,404.1561**

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	3.7714	2.6750	29.5946	0.0821	8.2491	0.0690	8.3181	2.1877	0.0635	2.2512		8,172.7625	8,172.7625	0.2576		8,179.2024
Total	**3.7714**	**2.6750**	**29.5946**	**0.0821**	**8.2491**	**0.0690**	**8.3181**	**2.1877**	**0.0635**	**2.2512**		**8,172.7625**	**8,172.7625**	**0.2576**		**8,179.2024**

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	0.2496	1.9495	4.3945	0.0144		0.1465	0.1465		0.1353	0.1353	0.0000	554.7094	554.7094	0.1794		559.1945
Total	**0.2496**	**1.9495**	**4.3945**	**0.0144**		**0.1465**	**0.1465**		**0.1353**	**0.1353**	**0.0000**	**554.7094**	**554.7094**	**0.1794**		**559.1945**

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	3.7714	2.6750	29.5946	0.0821	8.2491	0.0690	8.3181	2.1877	0.0635	2.2512		8,172.7625	8,172.7625	0.2576		8,179.2024
Total	**3.7714**	**2.6750**	**29.5946**	**0.0821**	**8.2491**	**0.0690**	**8.3181**	**2.1877**	**0.0635**	**2.2512**		**8,172.7625**	**8,172.7625**	**0.2576**		**8,179.2024**

3.7 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1141	11.7647	7.3571	0.0144		0.6180	0.6180		0.5686	0.5686		1,392.8175	1,392.8175	0.4505		1,404.0792
Total	**1.1141**	**11.7647**	**7.3571**	**0.0144**		**0.6180**	**0.6180**		**0.5686**	**0.5686**		**1,392.8175**	**1,392.8175**	**0.4505**		**1,404.0792**

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	3.5189	2.4070	27.1773	0.0794	8.2491	0.0667	8.3158	2.1877	0.0614	2.2491		7,913.2131	7,913.2131	0.2329		7,919.0344
Total	**3.5189**	**2.4070**	**27.1773**	**0.0794**	**8.2491**	**0.0667**	**8.3158**	**2.1877**	**0.0614**	**2.2491**		**7,913.2131**	**7,913.2131**	**0.2329**		**7,919.0344**

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	0.2185	1.7469	4.3672	0.0144		0.1198	0.1198		0.1107	0.1107	0.0000	554.7094	554.7094	0.1794		559.1945
Total	**0.2185**	**1.7469**	**4.3672**	**0.0144**		**0.1198**	**0.1198**		**0.1107**	**0.1107**	**0.0000**	**554.7094**	**554.7094**	**0.1794**		**559.1945**

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	3.5189	2.4070	27.1773	0.0794	8.2491	0.0667	8.3158	2.1877	0.0614	2.2491		7,913.2131	7,913.2131	0.2329		7,919.0344
Total	**3.5189**	**2.4070**	**27.1773**	**0.0794**	**8.2491**	**0.0667**	**8.3158**	**2.1877**	**0.0614**	**2.2491**		**7,913.2131**	**7,913.2131**	**0.2329**		**7,919.0344**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9885	10.2658	7.1606	0.0144		0.5257	0.5257		0.4836	0.4836		1,392.9549	1,392.9549	0.4505		1,404.2177
Total	**0.9885**	**10.2658**	**7.1606**	**0.0144**		**0.5257**	**0.5257**		**0.4836**	**0.4836**		**1,392.9549**	**1,392.9549**	**0.4505**		**1,404.2177**

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	3.3051	2.1737	25.0312	0.0766	8.2491	0.0646	8.3137	2.1877	0.0595	2.2472		7,635.1226	7,635.1226	0.2102		7,640.3784
Total	**3.3051**	**2.1737**	**25.0312**	**0.0766**	**8.2491**	**0.0646**	**8.3137**	**2.1877**	**0.0595**	**2.2472**		**7,635.1226**	**7,635.1226**	**0.2102**		**7,640.3784**

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	0.1921	1.5562	4.3417	0.0144		0.0967	0.0967		0.0894	0.0894	0.0000	554.7094	554.7094	0.1794		559.1945
Total	**0.1921**	**1.5562**	**4.3417**	**0.0144**		**0.0967**	**0.0967**		**0.0894**	**0.0894**	**0.0000**	**554.7094**	**554.7094**	**0.1794**		**559.1945**

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	3.3051	2.1737	25.0312	0.0766	8.2491	0.0646	8.3137	2.1877	0.0595	2.2472		7,635.1226	7,635.1226	0.2102		7,640.3784
Total	**3.3051**	**2.1737**	**25.0312**	**0.0766**	**8.2491**	**0.0646**	**8.3137**	**2.1877**	**0.0595**	**2.2472**		**7,635.1226**	**7,635.1226**	**0.2102**		**7,640.3784**

3.8 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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5836	4.4283	4.5277	6.8600e-003		0.3057	0.3057		0.2961	0.2961		654.1186	654.1186	0.0962		656.5227
Total	**9.2677**	**4.4283**	**4.5277**	**6.8600e-003**		**0.3057**	**0.3057**		**0.2961**	**0.2961**		**654.1186**	**654.1186**	**0.0962**		**656.5227**

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	0.3168	0.2247	2.4863	6.8900e-003	0.6930	5.7900e-003	0.6988	0.1838	5.3400e-003	0.1891		686.6006	686.6006	0.0216		687.1417
Total	**0.3168**	**0.2247**	**2.4863**	**6.8900e-003**	**0.6930**	**5.7900e-003**	**0.6988**	**0.1838**	**5.3400e-003**	**0.1891**		**686.6006**	**686.6006**	**0.0216**		**687.1417**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0236	0.1020	1.4520	6.8600e-003		3.1400e-003	3.1400e-003		3.1400e-003	3.1400e-003	0.0000	185.0385	185.0385	0.0599		186.5347
Total	**8.7076**	**0.1020**	**1.4520**	**6.8600e-003**		**3.1400e-003**	**3.1400e-003**		**3.1400e-003**	**3.1400e-003**	**0.0000**	**185.0385**	**185.0385**	**0.0599**		**186.5347**

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	0.3168	0.2247	2.4863	6.8900e-003	0.6930	5.7900e-003	0.6988	0.1838	5.3400e-003	0.1891		686.6006	686.6006	0.0216		687.1417
Total	**0.3168**	**0.2247**	**2.4863**	**6.8900e-003**	**0.6930**	**5.7900e-003**	**0.6988**	**0.1838**	**5.3400e-003**	**0.1891**		**686.6006**	**686.6006**	**0.0216**		**687.1417**

3.8 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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5265	4.0187	4.4891	6.8600e-003		0.2615	0.2615		0.2531	0.2531		654.1186	654.1186	0.0920		656.4195
Total	**9.2106**	**4.0187**	**4.4891**	**6.8600e-003**		**0.2615**	**0.2615**		**0.2531**	**0.2531**		**654.1186**	**654.1186**	**0.0920**		**656.4195**

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	0.2956	0.2022	2.2832	6.6700e-003	0.6930	5.6000e-003	0.6986	0.1838	5.1600e-003	0.1890		664.7957	664.7957	0.0196		665.2847
Total	**0.2956**	**0.2022**	**2.2832**	**6.6700e-003**	**0.6930**	**5.6000e-003**	**0.6986**	**0.1838**	**5.1600e-003**	**0.1890**		**664.7957**	**664.7957**	**0.0196**		**665.2847**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0236	0.1020	1.4520	6.8600e-003		3.1400e-003	3.1400e-003		3.1400e-003	3.1400e-003	0.0000	185.0385	185.0385	0.0599		186.5347
Total	**8.7076**	**0.1020**	**1.4520**	**6.8600e-003**		**3.1400e-003**	**3.1400e-003**		**3.1400e-003**	**3.1400e-003**	**0.0000**	**185.0385**	**185.0385**	**0.0599**		**186.5347**

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	0.2956	0.2022	2.2832	6.6700e-003	0.6930	5.6000e-003	0.6986	0.1838	5.1600e-003	0.1890		664.7957	664.7957	0.0196		665.2847
Total	**0.2956**	**0.2022**	**2.2832**	**6.6700e-003**	**0.6930**	**5.6000e-003**	**0.6986**	**0.1838**	**5.1600e-003**	**0.1890**		**664.7957**	**664.7957**	**0.0196**		**665.2847**

3.8 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4829	3.6661	4.4648	6.8600e-003		0.2235	0.2235		0.2166	0.2166		654.1186	654.1186	0.0904		656.3783
Total	**9.1670**	**3.6661**	**4.4648**	**6.8600e-003**		**0.2235**	**0.2235**		**0.2166**	**0.2166**		**654.1186**	**654.1186**	**0.0904**		**656.3783**

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	0.2777	0.1826	2.1029	6.4400e-003	0.6930	5.4200e-003	0.6984	0.1838	5.0000e-003	0.1888		641.4331	641.4331	0.0177		641.8746
Total	**0.2777**	**0.1826**	**2.1029**	**6.4400e-003**	**0.6930**	**5.4200e-003**	**0.6984**	**0.1838**	**5.0000e-003**	**0.1888**		**641.4331**	**641.4331**	**0.0177**		**641.8746**

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	8.6841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0236	0.1020	1.4520	6.8600e-003		3.1400e-003	3.1400e-003		3.1400e-003	3.1400e-003	0.0000	185.0385	185.0385	0.0599		186.5347
Total	**8.7076**	**0.1020**	**1.4520**	**6.8600e-003**		**3.1400e-003**	**3.1400e-003**		**3.1400e-003**	**3.1400e-003**	**0.0000**	**185.0385**	**185.0385**	**0.0599**		**186.5347**

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	0.2777	0.1826	2.1029	6.4400e-003	0.6930	5.4200e-003	0.6984	0.1838	5.0000e-003	0.1888		641.4331	641.4331	0.0177		641.8746
Total	**0.2777**	**0.1826**	**2.1029**	**6.4400e-003**	**0.6930**	**5.4200e-003**	**0.6984**	**0.1838**	**5.0000e-003**	**0.1888**		**641.4331**	**641.4331**	**0.0177**		**641.8746**

3.9 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5362	5.1674	6.7786	0.0106		0.2548	0.2548		0.2358	0.2358		1,007.2631	1,007.2631	0.3122		1,015.0690
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5362**	**5.1674**	**6.7786**	**0.0106**		**0.2548**	**0.2548**		**0.2358**	**0.2358**		**1,007.2631**	**1,007.2631**	**0.3122**		**1,015.0690**

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	0.2239	0.1473	1.6959	5.1900e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		517.2847	517.2847	0.0142		517.6408
Total	**0.2239**	**0.1473**	**1.6959**	**5.1900e-003**	**0.5589**	**4.3700e-003**	**0.5633**	**0.1482**	**4.0300e-003**	**0.1523**		**517.2847**	**517.2847**	**0.0142**		**517.6408**

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	0.1914	0.9680	7.7576	0.0106		0.0334	0.0334		0.0334	0.0334	0.0000	1,007.2631	1,007.2631	0.3122		1,015.0690
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1914**	**0.9680**	**7.7576**	**0.0106**		**0.0334**	**0.0334**		**0.0334**	**0.0334**	**0.0000**	**1,007.2631**	**1,007.2631**	**0.3122**		**1,015.0690**

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	0.2239	0.1473	1.6959	5.1900e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		517.2847	517.2847	0.0142		517.6408
Total	**0.2239**	**0.1473**	**1.6959**	**5.1900e-003**	**0.5589**	**4.3700e-003**	**0.5633**	**0.1482**	**4.0300e-003**	**0.1523**		**517.2847**	**517.2847**	**0.0142**		**517.6408**

A-4 Unmitigated EMFAC2017 On-Road Truck Emissions

1045 Olive Street Project
On-Road Soil/Material Haul Truck Regional Emissions - Unmitigated

Construction Phase	Start Date	End Date	No. Work Days	Soil/ Material Export (CY) [a]	Soil/ Material Import (CY) [b]	Soil/ Material Haul Truck Capacity (CY)	Soil/ Material Haul Truck Total One-Way Trips	Soil/ Material Haul Truck Daily One-Way Trips	Vendor One-Way Trips/Max Day	Haul or Vendor Days per Phase	One-Way Trip Distance (miles)
Demolition-Haul	4/1/2019	4/30/2019	26	3,410		10	682	30		26	20.0
Demolition-Vendor	4/1/2019	4/30/2019	26						6	26	6.9
Site Preparation	4/1/2019	4/30/2019	26	520	-	20	52	30		2	23.6
Grading/Excavation-Haul	4/1/2019	7/31/2019	105	80,000	-	14	11,429	260		44	21.0
Grading/Excavation-Vendor	4/1/2019	7/31/2019	105						6	105	6.9
Concrete Pour (1-day) [c]	7/1/2019	7/1/2019	1	-	12,148	10	1,215	1,215		1	25.0
Drainage/Utilities/Trenching	7/1/2019	9/30/2019	79						6	79	6.9
Building Construction-Vendor	7/1/2020	12/31/2020	158						174	158	6.9
Building Construction-Vendor	1/1/2021	12/31/2021	313						174	313	6.9
Building Construction-Vendor	1/1/2022	9/30/2022	234						174	234	6.9

Notes:

a. Soil export quantities provided by Project Applicant Team/Contractor Representative.

b. Concrete import quantities provided by Project Applicant Team/Contractor Representative.

c. Assumes this activity would occur at the earliest anticipated date during the Foundation phase.

Sources: 1045 Olive, LLC 2017. ODA Architecture, LLC 2017.

1045 Olive Street Project
On-Road Soil/Material Haul Truck Regional Emissions - Unmitigated

On-Road Truck Regional Running Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day	Running Emissions Factor (grams/mile)						Regional Emissions (pounds/day)					
				(days)	(hours/day)	(miles)	ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
Demolition-Haul	T7 Single Construction	2019	30	26.00	10	20	0.2787	6.6512	1.0611	0.0146	0.1576	0.1508	0.37	8.80	1.40	0.02	0.21	0.20
Demolition-Vendor	MHDT/HHDT	2019	6	26.00	10	6.9	0.1727	4.1479	0.6220	0.0119	0.0933	0.0893	0.02	0.38	0.06	0.00	0.01	0.01
Site Preparation	T7 Single Construction	2019	30	2.00	10	23.6	0.2787	6.6512	1.0611	0.0146	0.1576	0.1508	0.44	10.38	1.66	0.02	0.25	0.24
Grading/Excavation-Haul	T7 Single Construction	2019	260	44.00	10	21	0.2787	6.6512	1.0611	0.0146	0.1576	0.1508	3.36	80.06	12.77	0.18	1.90	1.82
Grading/Excavation-Vendor	MHDT/HHDT	2019	6	105.00	10	6.9	0.1727	4.1479	0.6220	0.0119	0.0933	0.0893	0.02	0.38	0.06	0.00	0.01	0.01
Concrete Pour (1-day) c	T7 Single Construction	2019	1215	1.00	23	25	0.2787	6.6512	1.0611	0.0146	0.1576	0.1508	18.67	445.40	71.06	0.98	10.56	10.10
Drainage/Utilities/Trenching	MHDT/HHDT	2019	6	79.00	10	6.9	0.1727	4.1479	0.6220	0.0119	0.0933	0.0893	0.02	0.38	0.06	0.00	0.01	0.01
Building Construction-Vendor	MHDT/HHDT	2020	174	158.00	10	6.9	0.1393	3.6566	0.5143	0.0117	0.0758	0.0725	0.37	9.68	1.36	0.03	0.20	0.19
Building Construction-Vendor	MHDT/HHDT	2021	174	313.00	10	6.9	0.1125	3.1943	0.4321	0.0114	0.0625	0.0598	0.30	8.45	1.14	0.03	0.17	0.16
Building Construction-Vendor	MHDT/HHDT	2022	174	234.00	10	6.9	0.0624	2.5274	0.2708	0.0111	0.0342	0.0327	0.17	6.69	0.72	0.03	0.09	0.09

On-Road Truck Idling Emissions

Construction Phase	Source	Year	Daily Number of Trucks	Haul Days per Year	Work Hours per Day	Idling Time per Truck	Idling Emissions Factor (grams/hour)						Regional Emissions (pounds/day)					
				(days/year)	(hours/day)	(minutes)	ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
Demolition-Haul	T7 Single Construction	2019	30	26	10	15	1.9235	25.9676	16.1031	0.0305	0.1556	0.1489	0.03	0.43	0.27	0.00	0.00	0.00
Demolition-Vendor	MHDT/HHDT	2019	6	26	10	15	2.6102	38.7435	29.5393	0.0599	0.1195	0.1143	0.01	0.13	0.10	0.00	0.00	0.00
Site Preparation	T7 Single Construction	2019	30	2.00	10	15	1.9235	25.9676	16.1031	0.0305	0.1556	0.1489	0.03	0.43	0.27	0.00	0.00	0.00
Grading/Excavation-Haul	T7 Single Construction	2019	260	44.00	10	15	1.9235	25.9676	16.1031	0.0305	0.1556	0.1489	0.28	3.72	2.31	0.00	0.02	0.02
Grading/Excavation-Vendor	MHDT/HHDT	2019	6	105	10	15	2.6102	38.7435	29.5393	0.0599	0.1195	0.1143	0.01	0.13	0.10	0.00	0.00	0.00
Concrete Pour (1-day) c	T7 Single Construction	2019	1215	1.00	23	20	1.9235	25.9676	16.1031	0.0305	0.1556	0.1489	1.72	23.19	14.38	0.03	0.14	0.13
Drainage/Utilities/Trenching	MHDT/HHDT	2019	6	79	10	15	2.6102	38.7435	29.5393	0.0599	0.1195	0.1143	0.01	0.13	0.10	0.00	0.00	0.00
Building Construction-Vendor	MHDT/HHDT	2020	174	158	10	15	2.5759	38.0021	31.6522	0.0616	0.0846	0.0809	0.25	3.64	3.04	0.01	0.01	0.01
Building Construction-Vendor	MHDT/HHDT	2021	174	313	10	15	2.5603	37.4196	33.1800	0.0622	0.0610	0.0583	0.25	3.59	3.18	0.01	0.01	0.01
Building Construction-Vendor	MHDT/HHDT	2022	174	234	10	15	2.5224	36.5976	34.9489	0.0631	0.0263	0.0251	0.24	3.51	3.35	0.01	0.00	0.00

2019
2020
2021
2022

On-Road Truck Fugitive Dust Emissions (Paved Road Dust (RD), Break Wear (BW), Tire Wear (TW))

Construction Phase	Source	Year	Daily One-Way Truck Trips	Work Days per Year	Work Hours per Day	One-Way Trip Distance per Day	Fugitive Dust Emissions Factor (grams/mile)						Regional Emissions (pounds/day)					
				(days/year)	(hours/day)	(miles)	PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW	PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
0																		
Demolition-Haul	T7 Single Construction	2019	30	26	10	20	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.3966	0.0817	0.0476	0.0974	0.0350	0.0119
Demolition-Vendor	MHDT/HHDT	2019	6	26	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.0274	0.0087	0.0022	0.0067	0.0037	0.0005
Site Preparation	T7 Single Construction	2019	30	2	10	23.6	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.4680	0.0964	0.0562	0.1149	0.0413	0.0140
Grading/Excavation-Haul	T7 Single Construction	2019	260	44	10	21	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	3.6094	0.7432	0.4333	0.8859	0.3185	0.1083
Grading/Excavation-Vendor	MHDT/HHDT	2019	6	105	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.0274	0.0087	0.0022	0.0067	0.0037	0.0005
Concrete Pour (1-day) c	T7 Single Construction	2019	1215	1	23	25	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	20.0796	4.1344	2.4108	4.9286	1.7719	0.6027
Drainage/Utilities/Trenching	MHDT/HHDT	2019	6	79	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.0274	0.0087	0.0022	0.0067	0.0037	0.0005
Building Construction-Vendor	MHDT/HHDT	2020	174	158	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.7937	0.2531	0.0629	0.1948	0.1085	0.0157
Building Construction-Vendor	MHDT/HHDT	2021	174	313	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.7937	0.2531	0.0629	0.1948	0.1085	0.0157
Building Construction-Vendor	MHDT/HHDT	2022	174	234	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.7937	0.2531	0.0629	0.1948	0.1085	0.0157

Summary of On-Road Truck Regional Emissions

Construction Phase	Source	Year	Regional Emissions (pounds/day)									
			ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	PM10 Total	PM2.5 Dust	PM2.5 Exh	PM2.5 Total
0												
Demolition-Haul	T7 Single Construction	2019	0.40	9.23	1.67	0.02	0.53	0.21	0.74	0.14	0.20	0.35
Demolition-Vendor	MHDT/HHDT	2019	0.02	0.51	0.15	0.00	0.04	0.01	0.05	0.01	0.01	0.02
Site Preparation	T7 Single Construction	2019	0.47	10.81	1.92	0.02	0.62	0.25	0.87	0.17	0.24	0.41
Grading/Excavation-Haul	T7 Single Construction	2019	3.63	83.78	15.08	0.18	4.79	1.92	6.71	1.31	1.84	3.15
Grading/Excavation-Vendor	MHDT/HHDT	2019	0.02	0.51	0.15	0.00	0.04	0.01	0.05	0.01	0.01	0.02
Concrete Pour (1-day) c	T7 Single Construction	2019	20.38	468.59	85.44	1.00	26.62	10.70	37.32	7.30	10.23	17.54
Offroad Equipment			0.2851	2.1663	5.8773	1.20E-02		0.1603	0.1603		0.1482	0.1482
Workers			1.7485	1.285	16.8757	4.27E-02	3.9122	3.37E-02	3.9459	1.0375	3.11E-02	1.0686
Concrete Pour total			22.42	472.04	108.19	1.06	30.54	10.89	41.43	8.34	10.41	18.75
Drainage/Utilities/Trenching	MHDT/HHDT	2019	0.02	0.51	0.15	0.00	0.04	0.01	0.05	0.0110	0.01	0.0195
Building Construction-Vendor	MHDT/HHDT	2020	0.62	13.32	4.40	0.04	1.11	0.21	1.32	0.3190	0.20	0.5186
Building Construction-Vendor	MHDT/HHDT	2021	0.54	12.04	4.33	0.04	1.11	0.17	1.28	0.3190	0.16	0.4828
Building Construction-Vendor	MHDT/HHDT	2022	0.41	10.20	4.07	0.04	1.11	0.09	1.20	0.3190	0.09	0.4079

1045 Olive Street Project
On-Road Truck Emission Factors (Aggregate Model Year, Aggregate Speeds)

EMFAC2017 (v1.0.2) Emission Rates
Region Type: Air District
Region: SOUTH COAST AQMD
Calendar Year: 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
														CRITERIA AIR POLLUTANTS							
Region	**CalYr**	**VehClass**	**MdlYr**	**Speed**	**Fuel**	**ROG_RUNEX**	**ROG_IDLEX**	**NOx_RUNEX**	**NOx_IDLEX**	**CO_RUNEX**	**CO_IDLEX**	**SO2_RUNEX**	**SO2_IDLEX**	**PM10_BW**	**PM10_TW**	**PM10_RUNEX**	**PM10_IDLEX**	**PM2.5_BW**	**PM2.5_TW**	**PM2.5_RUNEX**	**PM2.5_IDLEX**
South Coast AQMD	2019	T7 single construction	Aggregated	Aggregated	All	0.2787	1.9235	6.6512	25.9676	1.0611	16.1031	0.0146	0.0305	0.0617	0.0360	0.1576	0.1556	0.0265	0.0090	0.1508	0.1489
South Coast AQMD	2019	HHDT	Aggregated	Aggregated	CNG	0.4804	0.0912	4.4780	26.5509	12.7786	19.4515	-	-	0.0617	0.0360	0.0081	0.0652	0.0265	0.0090	0.0077	0.0624

Source: California Air Resources Board, EMFAC2017, http://www.arb.ca.gov/emfac/2017/. Accessed September 2019.

1045 Olive Street Project
Road Dust Emission Factors

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

$EF_{Dust,P}$ =	Paved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
sL =	road surface silt loading (g/m^2)
W =	average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

$EF_{Dust,U}$ =	Unpaved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
s =	surface material silt content (%)
Sp =	mean vehicle speed (mph)
M =	surface material moisture content (%)
C =	Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:
SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document*, (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
PCR Services Corporation, 2013.

A-5 Mitigated EMFAC2017 On-Road Truck Emissions

1045 Olive Street Project
On-Road Soil/Material Haul Truck Regional Emissions - Mitigated

Construction Phase	Start Date	End Date	No. Work Days	Soil/ Material Export (CY) [a]	Soil/ Material Import (CY) [b]	Soil/ Material Haul Truck Capacity (CY)	Soil/ Material Haul Truck Total One-Way Trips	Soil/ Material Haul Truck Daily One-Way Trips	Vendor One-Way Trips/Max Day	Number of Concrete Trucks Per Hour [c]	Haul Days per Phase	One-Way Trip Distance (miles)
Demolition-Haul	4/1/2019	4/30/2019	26	3,410		10	682	30			26	20.0
Demolition-Vendor	4/1/2019	4/30/2019	26						6		26	6.9
Site Preparation	4/1/2019	4/30/2019	26	520	-	20	52	30			2	23.6
Grading/Excavation-Haul	4/1/2019	7/31/2019	105	80,000	-	14	11,429	260			44.00	21
Grading/Excavation-Vendor	4/1/2019	7/31/2019	105						6		105.00	6.9
Concrete Pour (1-day) (close)	7/1/2019	7/1/2019	1	-	4,859	10	486	486		15	1.00	4.5
Concrete Pour (1-day) (further)	7/1/2019	7/1/2019	1	-	1,215	10	122	122		4	1.00	9
Concrete Pour (1-day) CNG	7/1/2019	7/1/2019	1		6,074	10	608	608		19	1.00	3.3
Drainage/Utilities/Trenching	7/1/2019	9/30/2019	79						6		79	6.9
Building Construction-Vendor	7/1/2020	12/31/2020	158						174		158	6.9
Building Construction-Vendor	1/1/2021	12/31/2021	313						174		313	6.9
Building Construction-Vendor	1/1/2022	9/30/2022	234						174		234	6.9

Notes:

a. Soil export quantities provided by Project Applicant Team/Contractor Representative.

b. Concrete import quantities provided by Project Applicant Team/Contractor Representative.

c. Assumes a 16-hour concrete pour day.

Sources: 1045 Olive, LLC 2017. ODA Architecture, LLC 2017.

1045 Olive Street Project
On-Road Soil/Material Haul Truck Regional Emissions - Mitigated

On-Road Truck Regional Running Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Running Emissions Factor (grams/mile) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5
Demolition-Haul	T7 Single Construction	2019	30	26	10	20	0.2787	6.6512	1.0611	0.0146	0.1576	0.1508	0.37	8.80	1.40	0.02	0.21	0.20
Demolition-Vendor	MHDT/HHDT	2019	6	26.00	10	6.9	0.1727	4.1479	0.6220	0.0119	0.0933	0.0893	0.02	0.38	0.06	0.00	0.01	0.01
Site Preparation	T7 Single Construction	2019	30	2.00	10	23.6	0.2787	6.6512	1.0611	0.0146	0.1576	0.1508	0.44	10.38	1.66	0.02	0.25	0.24
Grading/Excavation-Haul	T7 Single Construction	2019	260	44.00	10	21	0.2787	6.6512	1.0611	0.0146	0.1576	0.1508	3.36	80.06	12.77	0.18	1.90	1.82
Grading/Excavation-Vendor	MHDT/HHDT	2019	6	105.00	10	6.9	0.1727	4.1479	0.6220	0.0119	0.0933	0.0893	0.02	0.38	0.06	0.00	0.01	0.01
Concrete Pour (1-day) (close)	T7 Single Construction	2019	486	1.00	23	4.5	0.2787	6.6512	1.0611	0.0146	0.1576	0.1508	1.34	32.07	5.12	0.07	0.76	0.73
Concrete Pour (1-day) (further)	T7 Single Construction	2019	122	1.00	23	9	0.2787	6.6512	1.0611	0.0146	0.1576	0.1508	0.67	16.10	2.57	0.04	0.38	0.37
Concrete Pour (1-day) CNG	HHDT	2019	608	1.00	23	3.3	0.4804	4.4780	12.7786	-	0.0081	0.0077	2.12	19.81	56.52	-	0.04	0.03
Drainage/Utilities/Trenching	MHDT/HHDT	2019	6	79.00	10	6.9	0.1727	4.1479	0.6220	0.0119	0.0933	0.0893	0.02	0.38	0.06	0.00	0.01	0.01
Building Construction-Vendor	MHDT/HHDT	2020	174	158.00	10	6.9	0.1393	3.6566	0.5143	0.0117	0.0758	0.0725	0.37	9.68	1.36	0.03	0.20	0.19
Building Construction-Vendor	MHDT/HHDT	2021	174	313.00	10	6.9	0.1125	3.1943	0.4321	0.0114	0.0625	0.0598	0.30	8.45	1.14	0.03	0.17	0.16
Building Construction-Vendor	MHDT/HHDT	2022	174	234.00	10	6.9	0.0624	2.5274	0.2708	0.0111	0.0342	0.0327	0.17	6.69	0.72	0.03	0.09	0.09

On-Road Truck Idling Emissions

Construction Phase	Source	Year	Daily Number of Trucks	Haul Days per Year (days/year)	Work Hours per Day (hours/day)	Idling Time per Truck (minutes)	Idling Emissions Factor (grams/hour) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5
Demolition-Haul	T7 Single Construction	2019	30	26	10	15	1.9235	25.9676	16.1031	0.0305	0.1556	0.1489	0.03	0.43	0.27	0.00	0.00	0.00
Demolition-Vendor	MHDT/HHDT	2019	6	26.00	10	15	2.6102	38.7435	29.5393	0.0599	0.1195	0.1143	0.01	0.13	0.10	0.00	0.00	0.00
Site Preparation	T7 Single Construction	2019	30	2.00	10	15	1.9235	25.9676	16.1031	0.0305	0.1556	0.1489	0.03	0.43	0.27	0.00	0.00	0.00
Grading/Excavation-Haul	T7 Single Construction	2019	260	44.00	10	15	1.9235	25.9676	16.1031	0.0305	0.1556	0.1489	0.28	3.72	2.31	0.00	0.02	0.02
Grading/Excavation-Vendor	MHDT/HHDT	2019	6	105.00	10	15	2.6102	38.7435	29.5393	0.0599	0.1195	0.1143	0.01	0.13	0.10	0.00	0.00	0.00
Concrete Pour (1-day) (close)	T7 Single Construction	2019	486	1.00	23	20	1.9235	25.9676	16.1031	0.0305	0.1556	0.1489	0.69	9.27	5.75	0.01	0.06	0.05
Concrete Pour (1-day) (further)	T7 Single Construction	2019	122	1.00	23	20	1.9235	25.9676	16.1031	0.0305	0.1556	0.1489	0.17	2.33	1.44	0.00	0.01	0.01
Concrete Pour (1-day) CNG	HHDT	2019	608	1.00	23	20	0.0912	26.5509	19.4515	-	0.0652	0.0624	0.04	11.86	8.69	-	0.03	0.03
Drainage/Utilities/Trenching	MHDT/HHDT	2019	6	79	10	15	2.6102	38.7435	29.5393	0.0599	0.1195	0.1143	0.01	0.13	0.10	0.00	0.00	0.00
Building Construction-Vendor	MHDT/HHDT	2020	174	158	10	15	2.5759	38.0021	31.6522	0.0616	0.0846	0.0809	0.25	3.64	3.04	0.01	0.01	0.01
Building Construction-Vendor	MHDT/HHDT	2021	174	313	10	15	2.5603	37.4196	33.1800	0.0622	0.0610	0.0583	0.25	3.59	3.18	0.01	0.01	0.01
Building Construction-Vendor	MHDT/HHDT	2022	174	234	10	15	2.5224	36.5976	34.9489	0.0631	0.0263	0.0251	0.24	3.51	3.35	0.01	0.00	0.00

Year
2019
2020
2021
2022

On-Road Truck Fugitive Dust Emissions (Paved Road Dust (RD), Break Wear (BW), Tire Wear (TW))

Construction Phase	Source	Year	Daily One-Way Truck Trips	Work Days per Year (days/year)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Fugitive Dust Emissions Factor (grams/mile) PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW	Regional Emissions (pounds/day) PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
0																		
Demolition-Haul	T7 Single Construction	2019	30	26	10	20	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.3966	0.0817	0.0476	0.0974	0.0350	0.0119
Demolition-Vendor	MHDT/HHDT	2019	6	26	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.0274	0.0087	0.0022	0.0067	0.0037	0.0005
Site Preparation	T7 Single Construction	2019	30	2	10	23.6	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.4680	0.0964	0.0562	0.1149	0.0413	0.0140
Grading/Excavation-Haul	T7 Single Construction	2019	260	44	10	21	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	3.6094	0.7432	0.4333	0.8859	0.3185	0.1083
Grading/Excavation-Vendor	MHDT/HHDT	2019	6	105	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.0274	0.0087	0.0022	0.0067	0.0037	0.0005
Concrete Pour (1-day) (close)	T7 Single Construction	2019	486	1	23	4.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	1.4457	0.2977	0.1736	0.3549	0.1276	0.0434
Concrete Pour (1-day) (further)	T7 Single Construction	2019	122	1	23	9	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.7258	0.1495	0.0871	0.1782	0.0641	0.0218
Concrete Pour (1-day) CNG	HHDT	2019	608	1	23	3.3	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	1.3263	0.2731	0.1592	0.3256	0.1170	0.0398
Drainage/Utilities/Trenching	MHDT/HHDT	2019	6	79	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.0274	0.0087	0.0022	0.0067	0.0037	0.0005
Building Construction-Vendor	MHDT/HHDT	2020	174	158	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.7937	0.2531	0.0629	0.1948	0.1085	0.0157
Building Construction-Vendor	MHDT/HHDT	2021	174	313	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.7937	0.2531	0.0629	0.1948	0.1085	0.0157
Building Construction-Vendor	MHDT/HHDT	2022	174	234	10	6.9	0.2998	0.0956	0.0237	0.0736	0.0410	0.0059	0.7937	0.2531	0.0629	0.1948	0.1085	0.0157

Summary of On-Road Truck Regional Emissions

Construction Phase	Source	Year	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	PM10 Total	PM2.5 Dust	PM2.5 Exh	PM2.5 Total
Demolition-Haul	T7 Single Construction	2019	0.40	9.23	1.67	0.02	0.53	0.21	0.74	0.14	0.20	0.35
Demolition-Vendor	MHDT/HHDT	2019	0.02	0.51	0.15	0.00	0.04	0.01	0.05	0.01	0.01	0.02
Site Preparation	T7 Single Construction	2019	0.47	10.81	1.92	0.02	0.62	0.25	0.87	0.17	0.24	0.41
Grading/Excavation-Haul	T7 Single Construction	2019	3.63	83.78	15.08	0.18	4.79	1.92	6.71	1.31	1.84	3.15
Grading/Excavation-Vendor	MHDT/HHDT	2019	0.02	0.51	0.15	0.00	0.04	0.01	0.05	0.01	0.01	0.02
Concrete Pour (1-day) (close)	T7 Single Construction	2019	2.03	41.34	10.87	0.08	1.92	0.82	2.73	0.53	0.78	1.31
Concrete Pour (1-day) (further)	T7 Single Construction	2019	0.85	18.43	4.01	0.04	0.96	0.40	1.36	0.26	0.38	0.64
Concrete Pour (1-day) CNG	HHDT	2019	2.17	31.67	65.22	-	1.76	0.06	1.82	0.48	0.06	0.54
Offroad Equipment			0.29	2.17	5.88	0.01		0.16	0.16		0.15	0.15
Workers			1.75	1.29	16.88	0.04	3.91	0.03	3.95	1.04	0.03	1.07
Concrete Pour Truck Total			7.08	94.89	102.85	0.17	8.55	1.47	10.02	2.31	1.40	3.71
Drainage/Utilities/Trenching	MHDT/HHDT	2019	0.02	0.51	0.15	0.00	0.04	0.01	0.05	0.01	0.01	0.02
Building Construction-Vendor	MHDT/HHDT	2020	0.62	13.32	4.40	0.04	1.11	0.21	1.32	0.32	0.20	0.52
Building Construction-Vendor	MHDT/HHDT	2021	0.54	12.04	4.33	0.04	1.11	0.17	1.28	0.32	0.16	0.48
Building Construction-Vendor	MHDT/HHDT	2022	0.41	10.20	4.07	0.04	1.11	0.09	1.20	0.32	0.09	0.41

1045 Olive Street Project
On-Road Truck Emission Factors (Aggregate Model Year, Aggregate Speeds)

EMFAC2017 (v1.0.2) Emission Rates
Region Type: Air District
Region: SOUTH COAST AQMD
Calendar Year: 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
														CRITERIA AIR POLLUTANTS							
Region	**CalYr**	**VehClass**	**MdlYr**	**Speed**	**Fuel**	**ROG_RUNEX**	**ROG_IDLEX**	**NOx_RUNEX**	**NOx_IDLEX**	**CO_RUNEX**	**CO_IDLEX**	**SO2_RUNEX**	**SO2_IDLEX**	**PM10_BW**	**PM10_TW**	**PM10_RUNEX**	**PM10_IDLEX**	**PM2.5_BW**	**PM2.5_TW**	**PM2.5_RUNEX**	**PM2.5_IDLEX**
South Coast AQMD	2019	T7 single construction	Aggregated	Aggregated	All	0.2787	1.9235	6.6512	25.9676	1.0611	16.1031	0.0146	0.0305	0.0617	0.0360	0.1576	0.1556	0.0265	0.0090	0.1508	0.1489
South Coast AQMD	2019	HHDT	Aggregated	Aggregated	CNG	0.4804	0.0912	4.4780	26.5509	12.7786	19.4515	-	-	0.0617	0.0360	0.0081	0.0652	0.0265	0.0090	0.0077	0.0624

Source: California Air Resources Board, EMFAC2017, http://www.arb.ca.gov/emfac/2017/. Accessed September 2019.

1045 Olive Street Project
Road Dust Emission Factors

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

$EF_{Dust,P}$ =	Paved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
sL =	road surface silt loading (g/m^2)
W =	average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

$EF_{Dust,U}$ =	Unpaved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
s =	surface material silt content (%)
Sp =	mean vehicle speed (mph)
M =	surface material moisture content (%)
C =	Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:
SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document*, (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
PCR Services Corporation, 2013.

Exhibit B
Existing Operational Emissions

ESA

1045 Olive - Existing

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	14.65	1000sqft	0.62	14,653.00	0
Parking Lot	5.95	1000sqft	0.14	5,952.00	0
Strip Mall	5.17	1000sqft	0.20	5,171.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2017
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1132	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity: LADWP, 2016 Final Power Integrated Resource Plan, Table C-1 Year 2015, (December 2016).

Land Use - Existing buildings (15,827 sf is currently vacant and not included).

Vehicle Trips - Mobile source emissions estimated outside of CalEEMod using EMFAC and VMT generation in the "1045 Olive Project - AB 900 Traffic Assessment."

Energy Use - Using Historical Data: Y

Water And Wastewater - No landscaping at existing uses; therefore, outdoor water is set at 0 gal/yr.

Solid Waste - CalRecycle, 2014 Generator-Based Characterization of Comercial Sector Disposal and Diversion in California, September 10, 2015, Table 1. Based on 27 employees and 8.2 lbs/day/employee. Assigned to the retail use.

Waste Mitigation - City of Los Angeles, Bureau of Sanitation, Zero Waste Progress Report, (2013). Citywide 76% MSW diversion.

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	0.88	0.88
tblLandUse	LotAcreage	0.34	0.62
tblLandUse	LotAcreage	0.12	0.20
tblProjectCharacteristics	CO2IntensityFactor	1227.89	1132
tblSolidWaste	SolidWasteGenerationRate	5.43	40.00
tblSolidWaste	SolidWasteGenerationRate	13.77	0.00
tblWater	OutdoorWaterUseRate	234,714.32	0.00

2.0 Emissions Summary

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	0.4457	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-003
Energy	7.3000e-004	6.6200e-003	5.5600e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9453	7.9453	1.5000e-004	1.5000e-004	7.9925

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	0.4457	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-003
Energy	7.3000e-004	6.6200e-003	5.5600e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9453	7.9453	1.5000e-004	1.5000e-004	7.9925

	ROG	NOx	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**

5.0 Energy Detail

Historical Energy Use: Y

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	7.3000e-004	6.6200e-003	5.5600e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9453	7.9453	1.5000e-004	1.5000e-004	7.9925
NaturalGas Unmitigated	7.3000e-004	6.6200e-003	5.5600e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9453	7.9453	1.5000e-004	1.5000e-004	7.9925

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					
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
Strip Mall	25.7842	2.8000e-004	2.5300e-003	2.1200e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		3.0334	3.0334	6.0000e-005	6.0000e-005	3.0515
Unrefrigerated Warehouse-No Rail	41.751	4.5000e-004	4.0900e-003	3.4400e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.9119	4.9119	9.0000e-005	9.0000e-005	4.9411
Total		**7.3000e-004**	**6.6200e-003**	**5.5600e-003**	**4.0000e-005**		**5.0000e-004**	**5.0000e-004**		**5.0000e-004**	**5.0000e-004**		**7.9453**	**7.9453**	**1.5000e-004**	**1.5000e-004**	**7.9925**

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					
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
Strip Mall	0.0257842	2.8000e-004	2.5300e-003	2.1200e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		3.0334	3.0334	6.0000e-005	6.0000e-005	3.0515
Unrefrigerated Warehouse-No Rail	0.041751	4.5000e-004	4.0900e-003	3.4400e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.9119	4.9119	9.0000e-005	9.0000e-005	4.9411
Total		**7.3000e-004**	**6.6200e-003**	**5.5600e-003**	**4.0000e-005**		**5.0000e-004**	**5.0000e-004**		**5.0000e-004**	**5.0000e-004**		**7.9453**	**7.9453**	**1.5000e-004**	**1.5000e-004**	**7.9925**

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	0.4457	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-003
Unmitigated	0.4457	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-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	0.0508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-003
Total	**0.4457**	**3.0000e-005**	**2.6800e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.6400e-003**	**5.6400e-003**	**2.0000e-005**		**6.0300e-003**

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	0.0508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-003
Total	**0.4457**	**3.0000e-005**	**2.6800e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.6400e-003**	**5.6400e-003**	**2.0000e-005**		**6.0300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

1045 Olive - Existing

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	14.65	1000sqft	0.62	14,653.00	0
Parking Lot	5.95	1000sqft	0.14	5,952.00	0
Strip Mall	5.17	1000sqft	0.20	5,171.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2017
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1132	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity: LADWP, 2016 Final Power Integrated Resource Plan, Table C-1 Year 2015, (December 2016).

Land Use - Existing buildings (15,827 sf is currently vacant and not included).

Vehicle Trips - Mobile source emissions estimated outside of CalEEMod using EMFAC and VMT generation in the "1045 Olive Project - AB 900 Traffic Assessment."

Energy Use - Using Historical Data: Y

Water And Wastewater - No landscaping at existing uses; therefore, outdoor water is set at 0 gal/yr.

Solid Waste - CalRecycle, 2014 Generator-Based Characterization of Comercial Sector Disposal and Diversion in California, September 10, 2015, Table 1. Based on 27 employees and 8.2 lbs/day/employee. Assigned to the retail use.

Waste Mitigation - City of Los Angeles, Bureau of Sanitation, Zero Waste Progress Report, (2013). Citywide 76% MSW diversion.

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	0.88	0.88
tblLandUse	LotAcreage	0.34	0.62
tblLandUse	LotAcreage	0.12	0.20
tblProjectCharacteristics	CO2IntensityFactor	1227.89	1132
tblSolidWaste	SolidWasteGenerationRate	5.43	40.00
tblSolidWaste	SolidWasteGenerationRate	13.77	0.00
tblWater	OutdoorWaterUseRate	234,714.32	0.00

2.0 Emissions Summary

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	0.4457	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-003
Energy	7.3000e-004	6.6200e-003	5.5600e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9453	7.9453	1.5000e-004	1.5000e-004	7.9925

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	0.4457	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-003
Energy	7.3000e-004	6.6200e-003	5.5600e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9453	7.9453	1.5000e-004	1.5000e-004	7.9925

	ROG	NOx	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**

5.0 Energy Detail

Historical Energy Use: Y

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	7.3000e-004	6.6200e-003	5.5600e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9453	7.9453	1.5000e-004	1.5000e-004	7.9925
NaturalGas Unmitigated	7.3000e-004	6.6200e-003	5.5600e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004		7.9453	7.9453	1.5000e-004	1.5000e-004	7.9925

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					
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
Strip Mall	25.7842	2.8000e-004	2.5300e-003	2.1200e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		3.0334	3.0334	6.0000e-005	6.0000e-005	3.0515
Unrefrigerated Warehouse-No	41.751	4.5000e-004	4.0900e-003	3.4400e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.9119	4.9119	9.0000e-005	9.0000e-005	4.9411
Total		**7.3000e-004**	**6.6200e-003**	**5.5600e-003**	**4.0000e-005**		**5.0000e-004**	**5.0000e-004**		**5.0000e-004**	**5.0000e-004**		**7.9453**	**7.9453**	**1.5000e-004**	**1.5000e-004**	**7.9925**

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					
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
Strip Mall	0.0257842	2.8000e-004	2.5300e-003	2.1200e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		3.0334	3.0334	6.0000e-005	6.0000e-005	3.0515

Unrefrigerated Warehouse-No Rail	0.041751	4.5000e-004	4.0900e-003	3.4400e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.9119	4.9119	9.0000e-005	9.0000e-005	4.9411
Total		**7.3000e-004**	**6.6200e-003**	**5.5600e-003**	**4.0000e-005**		**5.0000e-004**	**5.0000e-004**		**5.0000e-004**	**5.0000e-004**		**7.9453**	**7.9453**	**1.5000e-004**	**1.5000e-004**	**7.9925**

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	0.4457	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-003
Unmitigated	0.4457	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-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	0.0508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-003
Total	**0.4457**	**3.0000e-005**	**2.6800e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.6400e-003**	**5.6400e-003**	**2.0000e-005**		**6.0300e-003**

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	0.0508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3946					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.6800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		5.6400e-003	5.6400e-003	2.0000e-005		6.0300e-003
Total	**0.4457**	**3.0000e-005**	**2.6800e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**5.6400e-003**	**5.6400e-003**	**2.0000e-005**		**6.0300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

1045 Olive
Draft Environmental Impact Report
Air Quality Assessment

			Criteria Pollutant Emissions(pounds/day)									
Scenario	**Year**	**Max VMT/day**	**ROG**	**NOx**	**CO**	**SOx**	**PM10 Rd Dust**	**PM10**	**PM10 Total**	**PM2_5 Rd Dust**	**PM2_5**	**PM2_5 Total**
Existing Uses	2017	2,356	1.08	2.42	10.00	0.02	1.56	0.30	1.86	0.38	0.14	0.52

Source: ESA 2019

EMFAC2017
Region Type: Air District
Region: SOUTH COAST AQMD
Calendar Year: 2017, 2020, 2021, 2022, 2023, 2024, 2025
Season: Annual
Vehicle Classification: EMFAC2011 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Sum of emission	Tons/day							
Row Labels	CO	NOx	PM	PM10	PM2_5	ROG	SOx	Grand Tota
2017	967.7569939	234.6913582	29.56186685	29.00036547	13.69597554	104.2516	2.083359285	1615.937
2020	755.1161284	180.3654176	29.101393	28.53754001	12.91494089	83.47099	1.977805973	1279.659
2021	708.0599924	164.2211665	29.03711929	28.47635958	12.7140145	78.70738	1.944465003	1200.725
2022	663.3479107	143.6054757	28.55244054	27.99783734	12.14397007	73.72796	1.902912949	1117.465
2023	627.1103751	120.7039303	28.32488557	27.77368172	11.80162678	69.29354	1.856909632	1043.551
2024	599.9014681	117.6183974	28.531181	27.97906157	11.87084356	66.52366	1.828507273	1004.88
2025	574.8135193	114.2684234	28.71918555	28.16682636	11.93111798	64.00197	1.786497573	968.7788
Grand Total	3928.349394	840.7828109	172.2662049	168.9313066	73.37651379	435.7255	11.2970984	6615.059

	Emission Factors (lbs/mile)							
	CO	NOx	PM	PM10	PM2_5	ROG	SOx	Grand Tota
2017	0.0042429	0.001028948	0.000129607	0.000127145	6.00467E-05	0.000457	9.13399E-06	0.007085
2020	0.00324926	0.000776111	0.000125223	0.000122797	5.55729E-05	0.000359	8.51049E-06	0.005506
2021	0.003019916	0.000700413	0.000123845	0.000121453	5.4226E-05	0.000336	8.29325E-06	0.005121
2022	0.002810569	0.000608449	0.000120975	0.000118625	5.14533E-05	0.000312	8.06254E-06	0.004735
2023	0.002636469	0.000507458	0.000119082	0.000116765	4.96159E-05	0.000291	7.80674E-06	0.004387
2024	0.002502948	0.000490735	0.00011904	0.000116736	4.95283E-05	0.000278	7.62902E-06	0.004193
2025	0.002380852	0.000473295	0.000118954	0.000116666	4.94182E-05	0.000265	7.39959E-06	0.004013

1045 Olive
Road Dust Emission Factors

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

$EF_{Dust,P}$ =	Paved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
sL =	road surface silt loading (g/m^2)
W =	average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

Emission Factor (grams per VMT)		
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

$EF_{Dust,U}$ =	Unpaved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
s =	surface material silt content (%)
Sp =	mean vehicle speed (mph)
M =	surface material moisture content (%)
C =	Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

Emission Factor (grams per VMT)		
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
ESA, 2019

Exhibit C
Project Operational Emissions

ESA

1045 Olive - Project - Los Angeles-South Coast County, Summer

1045 Olive - 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	37.93	1000sqft	0.10	37,927.00	0
General Office Building	23.02	1000sqft	0.10	23,025.00	0
Enclosed Parking with Elevator	891.00	Space	0.10	426,458.00	0
Other Non-Asphalt Surfaces	39.70	1000sqft	0.10	39,700.00	0
City Park	0.06	Acre	0.06	2,728.00	0
High Turnover (Sit Down Restaurant)	12.50	1000sqft	0.10	12,504.00	0
Apartments High Rise	794.00	Dwelling Unit	0.40	739,273.00	1334

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	595	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor: California Air Resources Board, Statewide Emission Factors (EF) For Use With AB 900 Projects (Jan 2017).

Land Use - Est. population reflects 1.68 avg. household size for Central City CPA, based on the 2015 Demographics Statistics Report by the City of Los Angeles Department of City Planning Demographics Research Unit.

Vehicle Trips - Mobile source emissions estimated outside of CalEEMod using EMFAC and VMT generation in the "1045 Olive Project - AB 900 Traffic Assessment."

Woodstoves - No fireplaces proposed in residential units.

Energy Use - City Park and Other Non-Asphalt Surfaces: Lighting energy assumed to be equivalent to Parking Lot land use (i.e., outdoor lighting).

Water And Wastewater -

Solid Waste - Residential solid waste based on factors in L.A. CEQA Thresholds Guide. Restaurant solid waste based on CalRecycle, 2014 Generator-Based Characterization of Comercial Sector Disposal and Diversion in California, September 10, 2015, Table 1.

Land Use Change - The Project would include the addition of just over approximately 0.2 acres of planting area of native plants, shrubs, perennials, and ground-cover to the Project Site.

Sequestration - The Project would include the addition of 137 canopy trees to the Project Site. Per CalEEMod user's guide, miscellaneous species class should be used when tree species is not known.

Energy Mitigation - Apartments: Energy efficient appliances.

Water Mitigation - Water conservation strategy: 40% indoor/50% outdoor (i.e., per LEED measures).

Waste Mitigation - City of Los Angeles, Bureau of Sanitation, Zero Waste Progress Report, (2013). Citywide 76% MSW diversion.

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	0.00	0.35
tblEnergyUse	LightingElect	0.00	0.35
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	674.90	0.00
tblFireplaces	NumberNoFireplace	79.40	0.00
tblFireplaces	NumberWood	39.70	0.00
tblLandUse	LandUseSquareFeet	37,930.00	37,927.00
tblLandUse	LandUseSquareFeet	23,020.00	23,025.00
tblLandUse	LandUseSquareFeet	356,400.00	426,458.00
tblLandUse	LandUseSquareFeet	2,613.60	2,728.00
tblLandUse	LandUseSquareFeet	12,500.00	12,504.00
tblLandUse	LandUseSquareFeet	794,000.00	739,273.00
tblLandUse	LotAcreage	0.87	0.10
tblLandUse	LotAcreage	0.53	0.10
tblLandUse	LotAcreage	8.02	0.10

tblLandUse	LotAcreage	0.91	0.10
tblLandUse	LotAcreage	0.29	0.10
tblLandUse	LotAcreage	12.81	0.40
tblLandUse	Population	2,271.00	1,334.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	595
tblSequestration	NumberOfNewTrees	0.00	137.00
tblSolidWaste	SolidWasteGenerationRate	365.24	1,772.00
tblSolidWaste	SolidWasteGenerationRate	0.01	0.00
tblSolidWaste	SolidWasteGenerationRate	56.68	0.00
tblSolidWaste	SolidWasteGenerationRate	148.75	99.00
tblWoodstoves	NumberCatalytic	39.70	0.00
tblWoodstoves	NumberNoncatalytic	39.70	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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	19.7369	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627	0.0000	118.1704	118.1704	0.1144	0.0000	121.0297
Energy	0.3202	2.7932	1.5805	0.0175		0.2213	0.2213		0.2213	0.2213		3,493.3711	3,493.3711	0.0670	0.0641	3,514.1304

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	19.7369	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627	0.0000	118.1704	118.1704	0.1144	0.0000	121.0297
Energy	0.3202	2.7932	1.5805	0.0175		0.2213	0.2213		0.2213	0.2213		3,493.3711	3,493.3711	0.0670	0.0641	3,514.1304

	ROG	NOx	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**

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3202	2.7932	1.5805	0.0175		0.2213	0.2213		0.2213	0.2213		3,493.3711	3,493.3711	0.0670	0.0641	3,514.1304
NaturalGas Unmitigated	0.3202	2.7932	1.5805	0.0175		0.2213	0.2213		0.2213	0.2213		3,493.3711	3,493.3711	0.0670	0.0641	3,514.1304

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					
Apartments High Rise	20050	0.2162	1.8478	0.7863	0.0118		0.1494	0.1494		0.1494	0.1494		2,358.8237	2,358.8237	0.0452	0.0433	2,372.8410
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	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
General Office Building	1081.7	0.0117	0.1061	0.0891	6.4000e-004		8.0600e-003	8.0600e-003		8.0600e-003	8.0600e-003		127.2587	127.2587	2.4400e-003	2.3300e-003	128.0149
General Office Building	656.686	7.0800e-003	0.0644	0.0541	3.9000e-004		4.8900e-003	4.8900e-003		4.8900e-003	4.8900e-003		77.2571	77.2571	1.4800e-003	1.4200e-003	77.7162
High Turnover (Sit Down Restaurant)	7905.27	0.0853	0.7750	0.6510	4.6500e-003		0.0589	0.0589		0.0589	0.0589		930.0316	930.0316	0.0178	0.0171	935.5583
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
Total		**0.3202**	**2.7932**	**1.5805**	**0.0175**		**0.2212**	**0.2212**		**0.2212**	**0.2212**		**3,493.3711**	**3,493.3711**	**0.0670**	**0.0641**	**3,514.1304**

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					
Apartments High Rise	20.05	0.2162	1.8478	0.7863	0.0118		0.1494	0.1494		0.1494	0.1494		2,358.8237	2,358.8237	0.0452	0.0433	2,372.8410
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	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
General Office Building	0.656686	7.0800e-003	0.0644	0.0541	3.9000e-004		4.8900e-003	4.8900e-003		4.8900e-003	4.8900e-003		77.2571	77.2571	1.4800e-003	1.4200e-003	77.7162
General Office Building	1.0817	0.0117	0.1061	0.0891	6.4000e-004		8.0600e-003	8.0600e-003		8.0600e-003	8.0600e-003		127.2587	127.2587	2.4400e-003	2.3300e-003	128.0149
High Turnover (Sit Down Restaurant)	7.90527	0.0853	0.7750	0.6510	4.6500e-003		0.0589	0.0589		0.0589	0.0589		930.0316	930.0316	0.0178	0.0171	935.5583
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
Total		**0.3202**	**2.7932**	**1.5805**	**0.0175**		**0.2212**	**0.2212**		**0.2212**	**0.2212**		**3,493.3711**	**3,493.3711**	**0.0670**	**0.0641**	**3,514.1304**

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	19.7369	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627	0.0000	118.1704	118.1704	0.1144	0.0000	121.0297
Unmitigated	19.7369	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627	0.0000	118.1704	118.1704	0.1144	0.0000	121.0297

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	1.4894					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.2573					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9902	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627		118.1704	118.1704	0.1144		121.0297
Total	**19.7369**	**0.7572**	**65.6792**	**3.4700e-003**		**0.3627**	**0.3627**		**0.3627**	**0.3627**	**0.0000**	**118.1704**	**118.1704**	**0.1144**	**0.0000**	**121.0297**

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	1.4894					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.2573					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9902	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627		118.1704	118.1704	0.1144		121.0297
Total	**19.7369**	**0.7572**	**65.6792**	**3.4700e-003**		**0.3627**	**0.3627**		**0.3627**	**0.3627**	**0.0000**	**118.1704**	**118.1704**	**0.1144**	**0.0000**	**121.0297**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

1045 Olive - Project - Los Angeles-South Coast County, Winter

1045 Olive - 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	37.93	1000sqft	0.10	37,927.00	0
General Office Building	23.02	1000sqft	0.10	23,025.00	0
Enclosed Parking with Elevator	891.00	Space	0.10	426,458.00	0
Other Non-Asphalt Surfaces	39.70	1000sqft	0.10	39,700.00	0
City Park	0.06	Acre	0.06	2,728.00	0
High Turnover (Sit Down Restaurant)	12.50	1000sqft	0.10	12,504.00	0
Apartments High Rise	794.00	Dwelling Unit	0.40	739,273.00	1334

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2022
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	595	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor: California Air Resources Board, Statewide Emission Factors (EF) For Use With AB 900 Projects (Jan 2017).

Land Use - Est. population reflects 1.68 avg. household size for Central City CPA, based on the 2015 Demographics Statistics Report by the City of Los Angeles Department of City Planning Demographics Research Unit.

Vehicle Trips - Mobile source emissions estimated outside of CalEEMod using EMFAC and VMT generation in the "1045 Olive Project - AB 900 Traffic Assessment."
Woodstoves - No fireplaces proposed in residential units.

Energy Use - City Park and Other Non-Asphalt Surfaces: Lighting energy assumed to be equivalent to Parking Lot land use (i.e., outdoor lighting).

Water And Wastewater -

Solid Waste - Residential solid waste based on factors in L.A. CEQA Thresholds Guide. Restaurant solid waste based on CalRecycle, 2014 Generator-Based Characterization of Comercial Sector Disposal and Diversion in California, September 10, 2015, Table 1.

Land Use Change - The Project would include the addition of just over approximately 0.2 acres of planting area of native plants, shrubs, perennials, and ground-cover to the Project Site.
Sequestration - The Project would include the addition of 137 canopy trees to the Project Site. Per CalEEMod user's guide, miscellaneous species class should be used when tree species is not known.

Energy Mitigation - Apartments: Energy efficient appliances.

Water Mitigation - Water conservation strategy: 40% indoor/50% outdoor (i.e., per LEED measures).

Waste Mitigation - City of Los Angeles, Bureau of Sanitation, Zero Waste Progress Report, (2013). Citywide 76% MSW diversion.

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	0.00	0.35
tblEnergyUse	LightingElect	0.00	0.35
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	674.90	0.00
tblFireplaces	NumberNoFireplace	79.40	0.00
tblFireplaces	NumberWood	39.70	0.00
tblLandUse	LandUseSquareFeet	37,930.00	37,927.00
tblLandUse	LandUseSquareFeet	23,020.00	23,025.00
tblLandUse	LandUseSquareFeet	356,400.00	426,458.00
tblLandUse	LandUseSquareFeet	2,613.60	2,728.00
tblLandUse	LandUseSquareFeet	12,500.00	12,504.00
tblLandUse	LandUseSquareFeet	794,000.00	739,273.00
tblLandUse	LotAcreage	0.87	0.10
tblLandUse	LotAcreage	0.53	0.10
tblLandUse	LotAcreage	8.02	0.10

tblLandUse	LotAcreage	0.91	0.10
tblLandUse	LotAcreage	0.29	0.10
tblLandUse	LotAcreage	12.81	0.40
tblLandUse	Population	2,271.00	1,334.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	595
tblSequestration	NumberOfNewTrees	0.00	137.00
tblSolidWaste	SolidWasteGenerationRate	365.24	1,772.00
tblSolidWaste	SolidWasteGenerationRate	0.01	0.00
tblSolidWaste	SolidWasteGenerationRate	56.68	0.00
tblSolidWaste	SolidWasteGenerationRate	148.75	99.00
tblWoodstoves	NumberCatalytic	39.70	0.00
tblWoodstoves	NumberNoncatalytic	39.70	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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	19.7369	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627	0.0000	118.1704	118.1704	0.1144	0.0000	121.0297
Energy	0.3202	2.7932	1.5805	0.0175		0.2213	0.2213		0.2213	0.2213		3,493.3711	3,493.3711	0.0670	0.0641	3,514.1304

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	19.7369	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627	0.0000	118.1704	118.1704	0.1144	0.0000	121.0297
Energy	0.3202	2.7932	1.5805	0.0175		0.2213	0.2213		0.2213	0.2213		3,493.3711	3,493.3711	0.0670	0.0641	3,514.1304

	ROG	NOx	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**

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3202	2.7932	1.5805	0.0175		0.2213	0.2213		0.2213	0.2213		3,493.3711	3,493.3711	0.0670	0.0641	3,514.1304
NaturalGas Unmitigated	0.3202	2.7932	1.5805	0.0175		0.2213	0.2213		0.2213	0.2213		3,493.3711	3,493.3711	0.0670	0.0641	3,514.1304

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					
Apartments High Rise	20050	0.2162	1.8478	0.7863	0.0118		0.1494	0.1494		0.1494	0.1494		2,358.8237	2,358.8237	0.0452	0.0433	2,372.8410

City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	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
General Office Building	1081.7	0.0117	0.1061	0.0891	6.4000e-004		8.0600e-003	8.0600e-003		8.0600e-003	8.0600e-003		127.2587	127.2587	2.4400e-003	2.3300e-003	128.0149
General Office Building	656.686	7.0800e-003	0.0644	0.0541	3.9000e-004		4.8900e-003	4.8900e-003		4.8900e-003	4.8900e-003		77.2571	77.2571	1.4800e-003	1.4200e-003	77.7162
High Turnover (Sit Down Restaurant)	7905.27	0.0853	0.7750	0.6510	4.6500e-003		0.0589	0.0589		0.0589	0.0589		930.0316	930.0316	0.0178	0.0171	935.5583
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
Total		**0.3202**	**2.7932**	**1.5805**	**0.0175**		**0.2212**	**0.2212**		**0.2212**	**0.2212**		**3,493.3711**	**3,493.3711**	**0.0670**	**0.0641**	**3,514.1304**

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					
Apartments High Rise	20.05	0.2162	1.8478	0.7863	0.0118		0.1494	0.1494		0.1494	0.1494		2,358.8237	2,358.8237	0.0452	0.0433	2,372.8410
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	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
General Office Building	0.656686	7.0800e-003	0.0644	0.0541	3.9000e-004		4.8900e-003	4.8900e-003		4.8900e-003	4.8900e-003		77.2571	77.2571	1.4800e-003	1.4200e-003	77.7162
General Office Building	1.0817	0.0117	0.1061	0.0891	6.4000e-004		8.0600e-003	8.0600e-003		8.0600e-003	8.0600e-003		127.2587	127.2587	2.4400e-003	2.3300e-003	128.0149
High Turnover (Sit Down Restaurant)	7.90527	0.0853	0.7750	0.6510	4.6500e-003		0.0589	0.0589		0.0589	0.0589		930.0316	930.0316	0.0178	0.0171	935.5583
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
Total		**0.3202**	**2.7932**	**1.5805**	**0.0175**		**0.2212**	**0.2212**		**0.2212**	**0.2212**		**3,493.3711**	**3,493.3711**	**0.0670**	**0.0641**	**3,514.1304**

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	19.7369	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627	0.0000	118.1704	118.1704	0.1144	0.0000	121.0297
Unmitigated	19.7369	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627	0.0000	118.1704	118.1704	0.1144	0.0000	121.0297

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	1.4894					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.2573					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9902	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627		118.1704	118.1704	0.1144		121.0297
Total	**19.7369**	**0.7572**	**65.6792**	**3.4700e-003**		**0.3627**	**0.3627**		**0.3627**	**0.3627**	**0.0000**	**118.1704**	**118.1704**	**0.1144**	**0.0000**	**121.0297**

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	1.4894					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.2573					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9902	0.7572	65.6792	3.4700e-003		0.3627	0.3627		0.3627	0.3627		118.1704	118.1704	0.1144		121.0297
Total	**19.7369**	**0.7572**	**65.6792**	**3.4700e-003**		**0.3627**	**0.3627**		**0.3627**	**0.3627**	**0.0000**	**118.1704**	**118.1704**	**0.1144**	**0.0000**	**121.0297**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

1045 Olive
Draft Environmental Impact Report
Air Quality Assessment

			Criteria Pollutant Emissions(pounds/day)									
Scenario	**Year**	**Max VMT/day**	**ROG**	**NOx**	**CO**	**SOx**	**PM10 Rd Dust**	**PM10**	**PM10 Total**	**PM2_5 Rd Dust**	**PM2_5**	**PM2_5 Total**
Project	2023	44,364	12.92	22.51	116.96	0.35	29.33	5.18	34.51	7.20	2.20	9.40

Source: ESA 2019

EMFAC2017
Region Type: Air District
Region: SOUTH COAST AQMD
Calendar Year: 2017, 2020, 2021, 2022, 2023, 2024, 2025
Season: Annual
Vehicle Classification: EMFAC2011 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Sum of emission	Tons/day							
Row Labels	CO	NOx	PM	PM10	PM2_5	ROG	SOx	Grand Tota
2017	967.7569939	234.6913582	29.56186685	29.00036547	13.69597554	104.2516	2.083359285	1615.937
2020	755.1161284	180.3654176	29.101393	28.53754001	12.91494089	83.47099	1.977805973	1279.659
2021	708.0599924	164.2211665	29.03711929	28.47635958	12.7140145	78.70738	1.944465003	1200.725
2022	663.3479107	143.6054757	28.55244054	27.99783734	12.14397007	73.72796	1.902912949	1117.465
2023	627.1103751	120.7039303	28.32488557	27.77368172	11.80162678	69.29354	1.856909632	1043.551
2024	599.9014681	117.6183974	28.531181	27.97906157	11.87084356	66.52366	1.828507273	1004.88
2025	574.8135193	114.2684234	28.71918555	28.16682636	11.93111798	64.00197	1.786497573	968.7788
Grand Total	3928.349394	840.7828109	172.2662049	168.9313066	73.37651379	435.7255	11.2970984	6615.059

	Emission Factors (lbs/mile)							
	CO	NOx	PM	PM10	PM2_5	ROG	SOx	Grand Tota
2017	0.0042429	0.001028948	0.000129607	0.000127145	6.00467E-05	0.000457	9.13399E-06	0.007085
2020	0.00324926	0.000776111	0.000125223	0.000122797	5.55729E-05	0.000359	8.51049E-06	0.005506
2021	0.003019916	0.000700413	0.000123845	0.000121453	5.4226E-05	0.000336	8.29325E-06	0.005121
2022	0.002810569	0.000608449	0.000120975	0.000118625	5.14533E-05	0.000312	8.06254E-06	0.004735
2023	0.002636469	0.000507458	0.000119082	0.000116765	4.96159E-05	0.000291	7.80674E-06	0.004387
2024	0.002502948	0.000490735	0.00011904	0.000116736	4.95283E-05	0.000278	7.62902E-06	0.004193
2025	0.002380852	0.000473295	0.000118954	0.000116666	4.94182E-05	0.000265	7.39959E-06	0.004013

1045 Olive
Road Dust Emission Factors

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

$EF_{Dust,P}$ =	Paved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
sL =	road surface silt loading (g/m^2)
W =	average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

Emission Factor (grams per VMT)		
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

$EF_{Dust,U}$ =	Unpaved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
s =	surface material silt content (%)
Sp =	mean vehicle speed (mph)
M =	surface material moisture content (%)
C =	Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

Emission Factor (grams per VMT)		
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
ESA, 2019

1045 Olive Project
Draft Environmental Impact Report
Quantifying Greenhouse Gas Mitigation Measures - Transportation (Based on CAPCOA Guidance (August 2010))

Proposed Project

Location Type	Global % VMT Reduction Cap
Urban:	75%
Less than 5 miles from central business district	
Jobs-rich (jobs/housing ratio greater than 1.5)	
Typical buildings are 6 stories or higher	
Grid street pattern	
Minimal setbacks	
Parking constrained on- and off-street	
Parking prices high/highest in the region	
High-quality rail; bus service at 10 min or less in peak hours	

Location Type	Global % VMT Reduction Cap
Suburban Center:	20%
Typically 20 miles or more from central business district	
Balanced jobs-housing	
Typical buildings are 2 stories	
Grid street pattern	
Setbacks 0 - 20 feet	
Parking somewhat constrained on-street; ample off-street	
Parking prices low (if priced at all)	
Bus service at 20 - 30 min and/or commuter rail station	

Compact Infill:	40%
Typically 5 - 15 miles from central business district	
Balanced jobs-housing (jobs/housing ratio from 0.9 to 1.2)	
Typical buildings are 2 - 4 stories	
Grid street pattern	
Setbacks 0 - 20 feet	
Parking constrained	
Parking prices low/moderate	
Rail w/in 2 miles; bus service at 15 min or less in peak hours	

Suburban:	15%
Typically 20 miles or more from central business district	
Housing-rich	
Typical buildings are 1 - 2 stories	
Curvilinear street pattern (cul-de-sac based)	
Parking between street and buildings; large lot residential	
Parking ample; largely surface lot-based	
No parking prices	
Limited bus service at 30 minute headways or more	

Total Global Transportation VMT Reduction =	**35.64%**	Cap: 75%
(Includes double counting correction.)		
Total LUT/SDT/PDT/TST VMT Reduction =	**35.64%**	Cap: 70%
Total LUT % VMT Reduction =	**34.32%**	Cap: 65%

Land Use/Location Transportation Measures (65% Reduction Cap)

LUT-1 Increase Density

% VMT Reduction = A × B [not to exceed 30%]

A (housing) = (Number of DU/acre - 7.6) / 7.6
A (jobs) = (Number of Jobs/acre - 20) / 20
B = 0.07%

% VMT Reduction =	0.59%	Cap: 30%
Number of DU/acre:	831.4	A = 500%
Number of Jobs/acre:	88.0	A = 340%

LUT-2 Increase Location Efficiency

% VMT Reduction Cap for all LUT measures

Urban LUT % VMT Reduction Cap:	65%
Compact Infill LUT % VMT Reduction Cap:	30%
Suburban Center LUT % VMT Reduction Cap:	10%

LUT-3 Increase Diversity of Urban and Suburban Developments (Mixed Use)

% VMT Reduction = Land Use × B [not to exceed 30%]
Land Use = % increase in land use index vs. single use
= (Land Use Index - 0.15) / 0.15
Land Use Index = -a / ln(6)
$a = \sum a_i \times \ln(a_i)$
a_i = building floor area / total square feet of area considered
a_1 = single family
a_2 = multi-family
a_3 = commercial
a_4 = industrial
B = 0.09

% VMT Reduction =	0.00%	Cap: 30%
Single family sqft:	-	a_1 = -
Multi-family sqft:	-	a_2 = -
Commercial sqft:	-	a_3 = -
Industrial sqft:	-	a_4 = -
Institutional sqft:	-	a_5 = -
Park sqft:	-	a_6 = -
Total sqft:	-	

Urban: The urban project will be predominantly characterized by properties on which various uses, such as office, commercial, institutional, and residential, are combined in a single building or on a single site in an integrated development project with functional interrelationships and a coherent physical design.

Suburban: The suburban project will have at least three uses of the following on site and/or offsite within ¼-mile: Residential Development, Retail Development, Park, Open Space, or Office.

		a_5 = institutional a_6 = park		(Note: If a_i = 0, then set a_i = 0.0000001)
LUT-4	Increase Destination Accessibility	% VMT Reduction = Center Distance × B [not to exceed 20%] Center Distance = (12 - Miles to downtown or job center) / 12 B = 0.20	% VMT Reduction = 10.44% Cap: 20% Miles to downtown or job center: 5.7 (Average distance to: L.A. Live and Financial District These locations are identified as job centers by Metro and by SCAG.) (Note: Only effective for 8 miles or less)	
LUT-5	Increase Transit Accessibility	% VMT Reduction = Transit × B [not to exceed 30%] Transit = % project transit - % typical ITE transit % project transit = -50x + 38 [where x = 0 - 0.5 miles to transit] -4.4x + 15.2 [where x = 0.5 - 3 miles to transit] % typical ITE transit = 1.3% B = 0.67	% VMT Reduction = 15.21% Cap: 30% Miles to transit: 0.28 (Note: Only effective for 3 miles or less)	
LUT-6	Integrated Affordable and Below Market Rate Housing	% VMT Reduction = 4% × % units BMR	% VMT Reduction = 0.00% % of units below market rate: 0.0% (Note: Only effective up to 30%)	
LUT-7	Orient Project Toward Non-Auto Corridor	Not quantified separately; Assumed to be included in LUT-3 (If included in LUT-3, VMT reduction should be at least 0.5% per 1% inprovement in transit frequency and 0.5% per 10% increase in transit ridership)		
LUT-8	Locate Project near Bike Path/Bike Lanes	Not quantified separately; Assumed to be included in LUT-4 (If included in LUT-4, VMT reduction should be at least 0.625%)		
LUT-9	Improve Design of Development	% VMT Reduction = Intersections × B Intersections = % increase vs. typical ITE suburban = (Intersections per square mile of project - 36) / 36 B = 0.12	% VMT Reduction = 13.00% Intersections per square mile: 75 (Estimated based on count of 4-way intersections within 1 mile radius of project site.) (Note: Only effective up to 100)	
Neighborhood/Site Enhancement Measures (5% Reduction Cap without NEV; 15% Reduction Cap with NEV)			**Total SDT % VMT Reduction = 2.00%**	Cap: 5% without NEV Cap: 15% With NEV
SDT-1	Provide Pedestrian Network Improvements	VMT reduction based on urban/rural context and pedestrian accomodations	% VMT Reduction = 2.00% Pedestrian network on-site and connecting off-site (urban/suburban): x 2% Pedestrian network on-site (urban/suburban): 1% (Mark an "X" in one of the above)	

Emergency Generator Emissions

updated: 9/15/2017

Conversion Factors

HP/kW	1.3410	
PM10 Fraction of Total PM	0.960	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-
PM2.5 Fraction of Total PM	0.937	Table A - Updated CEIDARS Table with PM2.5 Fractions, INTERNAL COMBUSTION - DISTILLATE AND DIESEL-

Standby Emergency Generators

Ratings:	708	kW	*(based on engineering assumptions)*
	950	HP	*(based on engineering assumptions; conversion from kW to hp)*
Load Factor:	0.74		*(based on CalEEMod Generator Set Load Factor)*
Engine Emissions Tier:	Tier 4		*(compliance with CARB diesel regulations)*
Operating Hours per Unit:	2	hours/day	*(testing/maintenance)*
	50	hours/year	*(testing/maintenance, Regulatory Limit per SCAQMD Rule 1470)*

Emergency Generator Emissions

	Units	**Criteria Pollutants** [1, 2, 3]					
		VOC	**NO_X**	**CO**	**SOx**	**PM10**	**PM2.5**
	g/kW-hr	0.19	0.40	3.50	—	—	—
	g/HP-hr	0.14	0.30	2.61	5.50E-05	0.0192	0.0187
	lbs/hr	0.22	0.46	4.05	0.00	0.03	0.03
	lbs/day	0.44	0.92	8.09	0.00	0.06	0.06
	lbs/yr	10.98	23.11	202.25	0.00	1.49	1.45
	tons/yr	0.01	0.01	0.10	0.00	0.00	0.00
	metric tons/yr	—	—	—	—	—	—

Notes:

1. Emission factors for VOC and NOX: Assumes Tier 4 compliance (Section 2423, Article 4, Chapter 9, Division 3, Title 13, California Code of Regulations (CCR)).
2. Emission factors for CO, PM10, and PM2.5: Regulatory Limit per SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines).
3. Emission factor for SO2: U.S. Environmental Protection Agency, AP-42 Compilation of Air Pollutant Emission Factors, Fifth Edition, Section 3.4, Table 3.4-1.
   Emission Factor for SO2 is based on 15 ppm (0.0015%) S1 from the EPA Nonroad Diesel Fuel Program, and assumes complete conversion to SO2.

Source: ESA 2017.

1045 Olive
Air Quality Assessment

Project - Estimated Mitigated Charbroiler Stationary Source Emissions

Source[1]	Uncontrolled Emission Factors[2,3] (lb/1000 lb)				Quantity[4]	Emissions Controls[5] (percent reduction)			Controlled Emissions (pounds/day)		
	VOC	PM	PM10	PM2.5	(lb/day)	VOC	PM10	PM2.5	VOC	PM10	PM2.5
Project											
Charbroiler - 25% fat Hamburger	3.94	32.65	22.86	13.71	58.3	86%	83%	83%	0.03	0.23	0.14
Charbroiler - Chicken	1.82	10.48	7.34	4.40	58.3	86%	83%	83%	0.01	0.07	0.04
Charbroiler - Salmon	0.38	3.30	2.31	1.39	58.3	86%	83%	83%	0.00	0.02	0.01
Charbroiler - NY Steak	0.86	17.19	12.03	7.22	58.3	86%	83%	83%	0.01	0.12	0.07
Emissions									**0.06**	**0.44**	**0.26**

Notes:

1. Source type is based on the beef, chicken, and fish for under-fired broilers.
2. South Coast Air Quality Management District, Emission Factors for Commercial Cooking Operations, http://www.aqmd.gov/docs/default-source/rule-book/Proposed-Rules/1138/par1138pdsr_appendixi.pdf?sfvrsn=2. Accessed November 2017.
3. South Coast Air Quality Management District, Final –Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, Appendix A, http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/particulate-matter-(pm)-2.5-significance-thresholds-and-calculation-methodology/final_pm2_5methodology.pdf?sfvrsn=2. Accessed November 2017. Per Appendix A, for cooking (baking, charbroiling, deep fat frying), PM10 is 0.7 fraction of PM and PM2.5 is 0.42 fraction of PM.
4. Quantity of meats charbroiled is based on the average pounds of meat cooked per restaurant with a charbroiler, and assuming multiple restaurants on the project site.
5. South Coast Air Quality Management District Rule 1138 (Control of Emissions from Restaurant Operations) regulates PM10 and VOC emissions from fast-food restaurants with charbroilers. Catalytic oxidizers reduce VOC emissions by approximately 86 percent and PM emissions by approximately 83 percent.

Source: ESA 2017

Exhibit D

SCAQMD 2003 AQMP Appendix V, Carbon Monoxide Attainment Demonstration (Select Pages)

ESA

FINAL
2003 AQMP APPENDIX V

MODELING AND ATTAINMENT DEMONSTRATIONS

AUGUST 2003

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EXECUTIVE OFFICER

BARRY R. WALLERSTEIN, D.Env.

CONTRIBUTORS

Elaine Chang, DrPH
Deputy Executive Officer
Planning, Rule Development and Area Sources

Laki Tisopulos, Ph.D., P.E.
Assistant Deputy Executive Officer
Planning, Rule Development and Area Sources

Zorik Pirveysian
Planning & Rules Manager
Planning, Rule Development and Area Sources

Joseph Cassmassi
Mark Bassett
Julia Lester
Bong-Mann Kim
Satoru Mitsutomi
Chris Nelson
Mary Woods
Zhang, Xinqiu

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CHAPTER 4

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Carbon Monoxide Emissions

Modeling Methodology

Carbon Monoxide Control Strategy

Future Air Quality Projections

Conclusion

Hot Spot Analysis

The hot-spot analysis was performed using CAL3QHC. CAL3QHC is a model developed to predict the level of CO or other inert pollutant concentration emitted from motor vehicles at roadway intersections. CAL3QHC inputs include roadway geometry, receptor locations, meteorological conditions and vehicular emissions rate. A general description of the selection of the hot spot intersection, model input assumptions, and model application was presented in the 1992 CO Plan and is not repeated here.

The CAL3QHC model was applied to the four intersections listed in Table 4-7 to estimate the CO impacts from motor vehicles traveling at roadway intersections. CO concentrations were estimated for both the 1997 base year and for the year 2002 based on projected traffic volume and emission factors. The October 31-November 1, 1997 episode specific meteorological conditions for the grid cell hosting the intersection was used for the simulation. Tables 4-8, 4-9, and 4-10 show the model predicted and calculated CO concentration at the selected intersection in the years 1997 and 2002.

TABLE 4-7

Selected Intersections for the CAL3QHC
Hot Spot Modeling Analysis

Intersection	Receptor	Description
Long Beach Blvd. /Imperial Highway	Lynwood Air Monitoring Station	The Lynwood air monitoring stations consistently records the highest 8-hour CO concentrations in the Basin each year
Wilshire Blvd./ Veteran Ave.	No Air Monitoring	The most congested intersection in Los Angeles county. The average daily traffic volume is about 100,000 vehicles/day.
Highland Ave./ Sunset Blvd.	No Air Monitoring Station	One of the most congested intersections in the city of Los Angeles. The intersection study has been conducted and traffic data is available.
Century Blvd./ La Cienega Blvd.	No Air Monitoring Station	One of the most congested intersections in the city of Los Angeles. The intersection study has been conducted and traffic data is available.

TABLE 4 -8

Emissions Predicted by EMFAC2002 in Year 1997 and 2002

	Wilshire - Veteran		Sunset - Highland		La Cienega - Century		Long Beach - Imperial	
	AM	PM	AM	PM	AM	PM	AM	PM
a) EMFAC2002 Emission Variables (1997)								
Running Exhaust Emission Factor (g/mile)	11.57	11.96	13.31	12.72	11.82	11.66	11.92	11.93
Idling Emission Factor (g/min)	2.13	2.18	2.43	2.32	2.19	2.15	2.22.	2.18
b) EMFC2002 Emission Variables (2002)								
Running Exhaust Emission Factor (g/mile)	7.20	7.21	7.22	7.98	7.31	7.24	7.35	7.48
Idling Emission Factor (g/min)	1.24	1.24	1.25	1.30	1.27	1.25	1.28	1.28

TABLE 4-9

1997 1-Hour Average Carbon Monoxide Concentrations
Calculated from the CAL3QHC Model

	Morning*	Afternoon+	Peak++
Wilshire - Veteran	7.7	5.7	--
Sunset - Highland	6.9	7.3	--
La Cienega - Century	6.4	5.2	--
Long Beach - Imperial	5.1	5.2	2.2

* Morning : 7-8 a.m. for La Cienega - Century, 11-12 a.m. for Sunset - Highland, 8-9 for Wilshire-Veteran, and 7-8 a.m. for Long Beach - Imperial

\+ Afternoon : 3-4 p.m. for Sunset - Highland, 3-4 p.m. for Wilshire - Veteran, 4-5 p.m. for Long Beach - Imperial, and 6-7 p.m. for La Cienega - Century

++ Peak : 11-12 p.m. (concentration at the hour of the observed peak). Peak is only provided for the Long Beach/Imperial intersection since it is intersection associated with the regional peak at Lynwood.

TABLE 4-10

Year 2002 1-Hour Average Carbon Monoxide Concentrations
Calculated from the CAL3QHC Model

	Morning*	Afternoon+	Peak++
Wilshire-Veteran	4.6	3.5	--
Sunset-Highland	4.0	4.5	--
La Cienega-Century	3.7	3.1	--
Long Beach-Imperial	3.0	3.1	1.2

* Morning : 7-8 a.m. for, La Cienega - Century, 8-9 a.m. for Wilshire - Veteran, 7-8 a.m. for Long Beach - Imperial, and 8-9 a.m. for Sunset - Highland

\+ Afternoon : 3-4 p.m. for Sunset - Highland, 5-6 p.m. for Wilshire - Veteran, 4-5 p.m. and Long Beach - Imperial, and. 6-7 p.m. for and La Cienega - Century

++ Peak : 11-12 p.m. (concentration at the hour of the observed peak)). Peak is only provided for the Long Beach/Imperial intersection since it is intersection associated with the regional peak at Lynwood.

CARBON MONOXIDE CONTROL STRATEGY

Mobile sources, which are regulated primarily by ARB or U.S. EPA, produce the largest amount of carbon monoxide emissions in the Basin. The on-road motor vehicle control strategy is primarily based on adopted regulations, such as the 1990 ARB Low-Emission Vehicles and Clean Fuels (LEV/Clean Fuels) regulations, Phase 2 Reformulated Gasoline Program, oxygenated fuel regulation, and enhancements to the Inspection and Maintenance (I/M) or Smog Check program. The emission reduction resulting from these already adopted regulations are sufficient to demonstrate attainment in the year 2002, as discussed in a later section.

Contingency Measures

Section 187(a)(3) of the 1990 CAAA requires that adopted and enforceable contingency measures be included in the attainment plan submission. A deviation from the forecasted VMT of more than a given percentage will trigger implementation of contingency measures to offset either excess VMT or carbon monoxide emissions due to the additional VMT. According to the EPA General Preamble [Sect. 532(c)(1)], this percentage is 5 percent in 1994, 4 percent in 1995, and 3 percent for 1996 and subsequent years. The cumulative VMT growth cannot be greater than or equal to 5 percent above the VMT forecast used as the basis of the attainment demonstration.